
South Dakota GAME REPORT

No. 2017 – 05

2016

Annual Report

SMALL GAME, UPLAND BIRD & MIGRATORY GAME BIRD HARVEST PROJECTIONS

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PREFACE

Harvest estimates reported herein for the 2016 small game, upland bird, and migratory bird seasons were developed as described in Wildlife Survey Manual, 2009-2015, South Dakota Department of Game, Fish and Parks. If species specific methodologies are not reported there, the methodologies are presented within this report.

Corey Huxoll, (Division of Wildlife, Office of Wildlife Administration - Planning - Surveys Section), was responsible for development of these harvest estimates as part of Federal Aid for Wildlife Restoration as Project W-95-R. Electronic harvest survey responses were received through the Internet using Qualtrics® Survey Software and the GFP Survey Response Website. Paper surveys were processed and encoded by Erin Moehring and Dana Ertz.

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Statewide Combined Harvest

| 2016 Statewide Small Game, Upland Bird & Migratory Game Bird Harvest Projection Summary | | | | | | | | | | | | | | | last revised: 22 Aug 2017 | |
|---|------------|----------|--------------|-----------|----------------|-------------|---------|-------------------------------|--------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------|---------------|------------------------------|--|
| Harvest Statistic | Cottontail | Squirrel | Pheasant | Partridge | Prairie Grouse | Tundra Swan | Ducks | Canada Geese (all seasons) | Canada Geese (Sept. season) | Canada Geese (special season) | Light Geese (regular season) | Light Geese (conserv. order) | White-fronted Geese | Mourning Dove | Grand Totals | |
| <u>Licenses/Tags</u> | Small Game | | Upland Birds | | | Waterfowl | | | | | | | | | | |
| Resident | | | | | | | | | | | | | | | | |
| Licenses Available | unlim. | unlim. | unlim. | unlim. | unlim. | 1,100 | unlim. | unlim. | unlim. | 800 | unlim. | unlim. | unlim. | unlim. | | |
| Proj. Active/Sold/Issued | 5,584 | 2,786 | 61,746 | 2,516 | 7,199 | 938 | 10,533 | 9,964 | 3,152 | 799 | 3,206 | 1,866 | 992 | 7,131 | | |
| Nonresident | | | | | | | | | | | | | | | | |
| Licenses Available | unlim. | unlim. | unlim. | unlim. | unlim. | 200 | unlim. | unlim. | unlim. | N/A | unlim. | unlim. | unlim. | unlim. | | |
| Proj. Active/Sold/Issued | 754 | 181 | 81,141 | 2,204 | 5,203 | 145 | 3,832 | 2,046 | 213 | N/A | 515 | 3,843 | 295 | 318 | | |
| Totals | | | | | | | | | | | | | | | | |
| Licenses Available | unlim. | unlim. | unlim. | unlim. | unlim. | 1,300 | unlim. | unlim. | unlim. | 800 | unlim. | unlim. | unlim. | unlim. | | |
| Proj. Active/Sold/Issued | 6,339 | 2,967 | 142,887 | 4,720 | 12,403 | 1,083 | 14,365 | 12,011 | 3,366 | 799 | 3,721 | 5,709 | 1,287 | 7,449 | 214,939 | |
| <u>Hunting Recreation</u> | | | | | | | | | | | | | | | | |
| Residents | | | | | | | | | | | | | | | | |
| Average Days Hunted | 5.30 | 5.29 | 6.24 | 5.87 | 4.88 | 4.56 | 7.18 | 6.98 | N/A | 1.03 | 5.41 | 5.08 | 6.43 | 4.19 | | |
| Total Days Hunted | 29,637 | 14,511 | 380,217 | 14,738 | 34,723 | 2,775 | 75,653 | 69,549 | N/A | 494 | 17,337 | 9,485 | 6,374 | 29,900 | 684,898 | |
| Average Season Bag | 6.27 | 4.28 | 7.86 | 2.73 | 4.40 | N/A | 13.65 | 8.61 | 8.16 | 0.86 | 12.43 | 19.60 | 1.72 | 17.23 | | |
| Mean Satisfaction Score | 5.05 | 5.05 | 4.72 | 4.72 | 4.72 | 5.17 | 4.81 | 4.87 | 4.87 | 4.74 | 4.85 | - | - | 4.89 | | |
| Nonresidents | | | | | | | | | | | | | | | | |
| Average Days Hunted | 3.89 | 3.40 | 4.14 | 4.21 | 4.04 | 4.86 | 4.70 | 4.51 | 3.76 | - | 5.40 | 3.92 | 5.52 | 2.79 | | |
| Total Days Hunted | 2,942 | 616 | 334,987 | 9,280 | 20,985 | 429 | 18,023 | 9,269 | 802 | - | 2,782 | 15,076 | 1,628 | 888 | 417,708 | |
| Average Season Bag | 2.98 | 1.70 | 8.57 | 1.48 | 2.18 | N/A | 10.79 | 2.77 | 9.03 | - | 10.22 | 23.32 | 0.60 | 11.32 | | |
| Mean Satisfaction Score | 5.38 | 5.38 | 5.43 | 5.43 | 5.43 | 5.07 | 4.75 | 4.86 | 4.97 | - | 4.77 | - | - | 5.59 | | |
| Total Days Hunted | 32,579 | 15,127 | 715,205 | 24,017 | 55,708 | 3,204 | 93,676 | 78,818 | N/A | 494 | 20,119 | 24,561 | 8,002 | 30,787 | 1,102,606 | |
| <u>Harvest</u> | | | | | | | | | | | | | | | | |
| Residents | 35,649 | 11,614 | 478,099 | 7,053 | 31,611 | N/A | 143,749 | 85,809 | 25,733 | 410 | 39,841 | 36,571 | 1,707 | 122,876 | | |
| Nonresidents | 2,224 | 262 | 692,497 | 3,272 | 11,294 | N/A | 41,356 | 5,485 | 1,927 | - | 5,263 | 89,627 | 176 | 3,601 | | |
| Total | 37,873 | 11,876 | 1,170,596 | 10,325 | 42,905 | 82 | 185,105 | 91,294 | 27,660 | 410 | 45,103 | 126,198 | 1,883 | 126,477 | 1,851,646 | |

COTTONTAIL & SQUIRREL

The 2016 cottontail rabbit and tree squirrel seasons covered 1 September 2016 - 28 February 2017. Harvest surveys were sent to resident and nonresident hunters after the close of the pheasant season on 1 January 2017. It is assumed that this captured the majority of cottontail and squirrel hunting and harvest.

For cottontail, the daily limit was 10, possession 30, and the season was open statewide. For squirrel, the daily limit was 5, possession 15, and the season was open statewide. Residents holding small game, 1-day small game, adult, senior or junior combination, or youth small game licenses were eligible to participate in the season. Nonresidents were required to obtain either a small game or a youth small game license to hunt upland game.

In 2016, there were 90,541 resident and 85,405 nonresident licenses issued that allowed holders to hunt upland game. Approximately 10% of residents and nonresidents were surveyed for the upland game seasons. Survey response rates were 59% for residents and 64% for nonresidents.

Based on survey responses indicating at least one day of hunting cottontail, there were a projected 5,584 resident and 754 nonresident cottontail hunters. Based on survey responses indicating at least one day of hunting squirrels, there were a projected 2,786 resident and 181 nonresident hunters. An estimated 37,873 cottontails and 11,876 squirrels were harvested during the 2016 small game seasons.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident hunters reported an average satisfaction level of 5.05, while nonresidents reported a rating of 5.38.

Comparison of the 2007 - 2016 cottontail and squirrel harvests

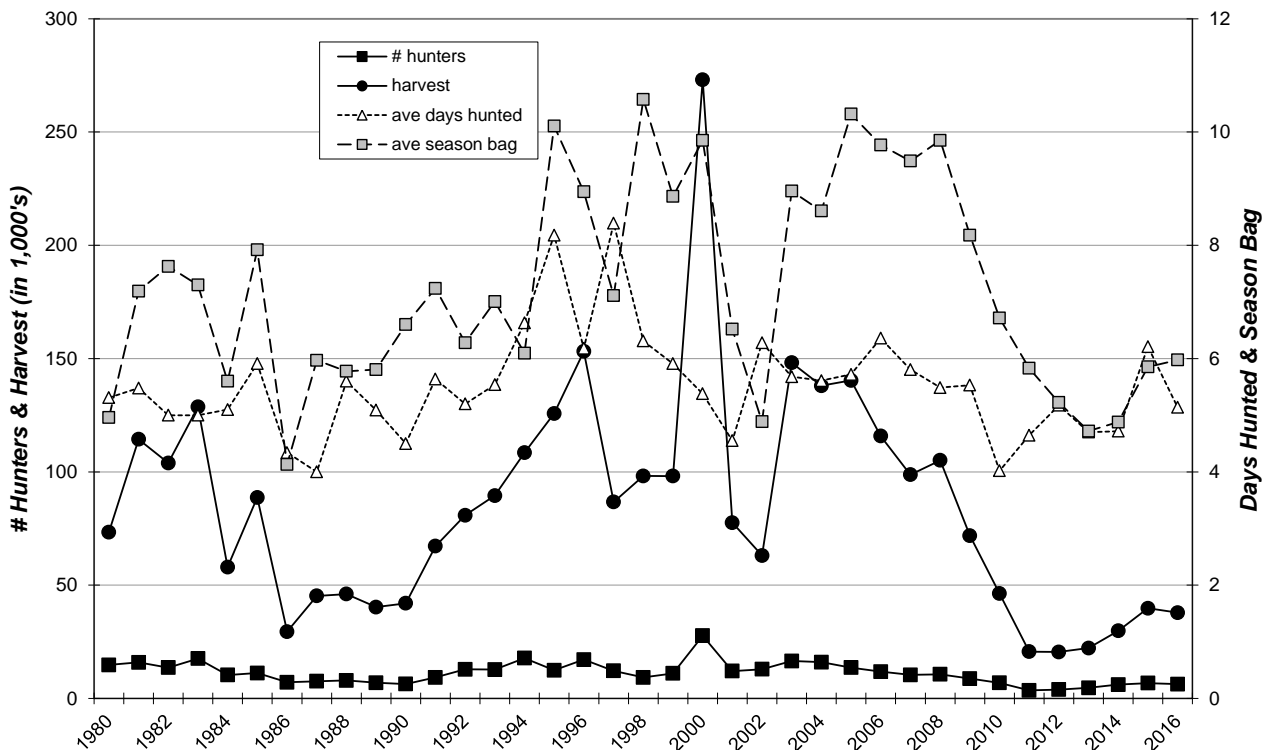
| Year | Cottontails | | | | Squirrels | | | |
|------|-------------|--------|----------|--------|-----------|--------|----------|--------|
| | Hunters | | Harvest | | Hunters | | Harvest | |
| | Resident | Nonres | Resident | Nonres | Resident | Nonres | Resident | Nonres |
| 2007 | 8,732 | 1,676 | 87,320 | 11,430 | 2,644 | 200 | 13,405 | 240 |
| 2008 | 8,714 | 1,955 | 96,203 | 8,915 | 2,833 | 230 | 11,785 | 442 |
| 2009 | 7,485 | 1,304 | 65,793 | 6,090 | 2,827 | 181 | 12,156 | 309 |
| 2010 | 6,011 | 885 | 44,481 | 1,832 | 2,901 | 96 | 12,677 | 115 |
| 2011 | 3,019 | 529 | 19,835 | 845 | 1,547 | 78 | 6,806 | 146 |
| 2012 | 3,133 | 794 | 18,758 | 1,763 | 1,553 | 166 | 7,338 | 400 |
| 2013 | 4,199 | 516 | 21,682 | 846 | 2,911 | 116 | 10,962 | 61 |
| 2014 | 5,366 | 754 | 28,276 | 1,591 | 2,552 | 150 | 9,587 | 241 |
| 2015 | 5,779 | 1,020 | 37,407 | 2,397 | 2,870 | 171 | 13,311 | 180 |
| 2016 | 5,584 | 754 | 35,649 | 2,224 | 2,786 | 181 | 11,614 | 262 |

Survey design changed in 2010 and 2014 and may not be directly comparable to previous years.

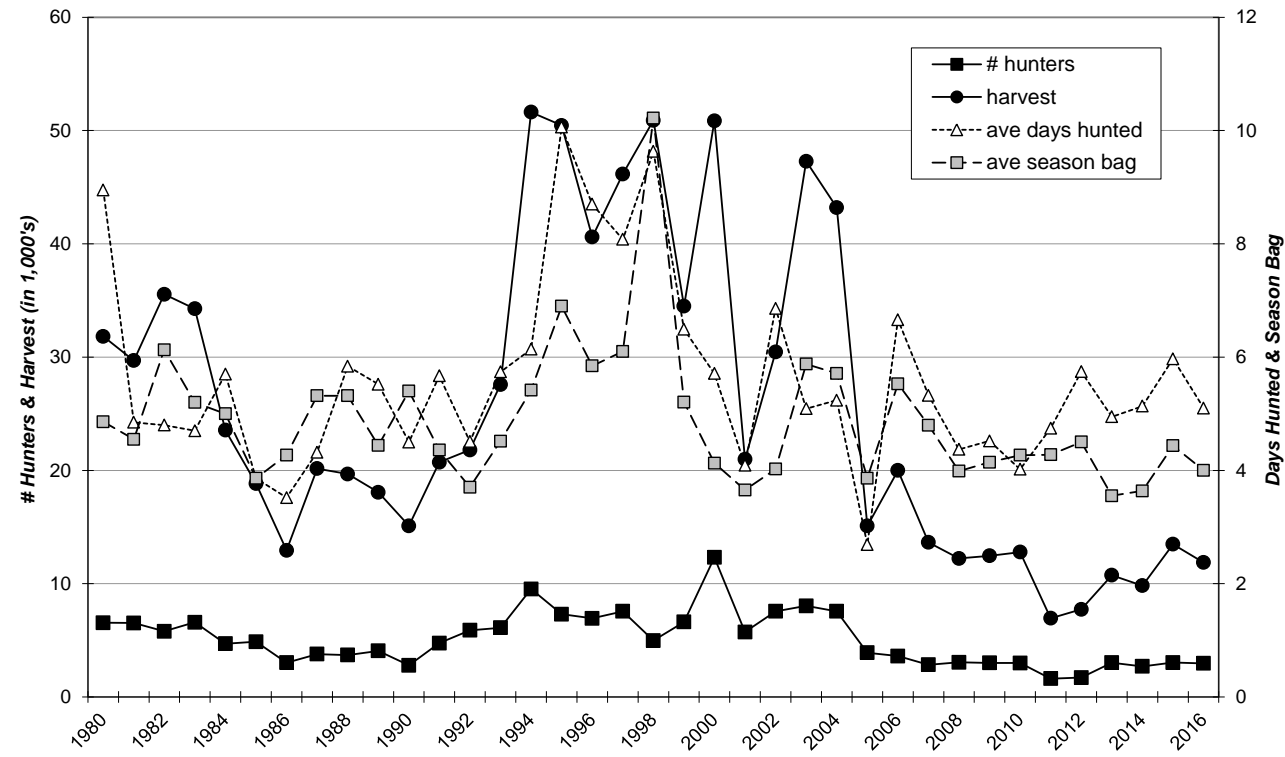
South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| UPLAND GAME HARVEST PROJECTIONS FOR 2016 | | | | | | | | | |
|---|------------|-------------|--------------|--------------|------------|---------------|---------------------------------|-------------|---------------|
| Last Revised: 31 July 2017 | | | | | | | RESIDENT TOTALS BY LICENSE TYPE | | |
| | Small Game | Combination | Senior Combo | Junior Combo | Youth SmGm | Sum Estimates | Non Res Sm Game | Youth Sm Gm | Sum Estimates |
| Licenses Sold | 21,164 | 47,929 | 8,434 | 8,164 | 4,850 | 90,541 | 82,959 | 2,446 | 85,405 |
| Projected ACTIVE UPLAND GAME HUNTERS | 916 | 3,114 | 484 | 813 | 756 | 6,083 | 780 | 48 | 828 |
| Number Sampled by Survey | 1,707 | 4,107 | 770 | 659 | 406 | 7,649 | 7,585 | 201 | 7,786 |
| Number Responded to Survey | 855 | 2,463 | 662 | 271 | 231 | 4,482 | 4,897 | 100 | 4,997 |
| % Responded and Participated in Season | 4% | 6% | 6% | 10% | 16% | 7% | 1% | 2% | 1% |
| Responded and Participated in Season | 37 | 160 | 38 | 27 | 36 | 298 | 47 | 2 | 49 |
| Responded but DID NOT HUNT | 818 | 2,303 | 624 | 244 | 195 | 4,184 | 4,850 | 98 | 4,948 |
| Survey Response Rate | 50.1% | 60.0% | 86.0% | 41.1% | 56.9% | 58.6% | 64.6% | 49.8% | 64.2% |
| No. Hunters Reporting Cottontail Days | 35 | 147 | 33 | 24 | 34 | 273 | 44 | 1 | 45 |
| Sum Cottontail Hunted Days | 212 | 654 | 223 | 143 | 215 | 1,447 | 170 | 5 | 175 |
| Average Days Hunted Cottontails | 6.06 | 4.45 | 6.76 | 5.96 | 6.32 | 5.30 | 3.86 | 5.00 | 3.89 |
| Sum Cottontails Bagged | 146 | 861 | 226 | 259 | 219 | 1,711 | 134 | 0 | 134 |
| Average Cottontail Bag for Season | 4.17 | 5.86 | 6.85 | 10.79 | 6.44 | 6.27 | 3.05 | 0.00 | 2.98 |
| Projected Days Cottontail Hunting | 5,248 | 12,727 | 2,841 | 4,308 | 4,514 | 29,637 | 2,822 | 120 | 2,942 |
| Projected No. Cottontail Hunters | 866 | 2,861 | 420 | 723 | 714 | 5,584 | 730 | 24 | 754 |
| Projected Cottontail Bag | 3,614 | 16,755 | 2,879 | 7,802 | 4,598 | 35,649 | 2,224 | 0 | 2,224 |
| TOTAL COTTONTAIL HARVEST = | | | | | | | 37,873 | | |
| No. Hunters Reporting Squirrel Days | 17 | 66 | 19 | 16 | 17 | 135 | 8 | 2 | 10 |
| Sum Squirrel Hunted Days | 136 | 268 | 141 | 64 | 105 | 714 | 27 | 7 | 34 |
| Average Days Hunted Squirrels | 8.00 | 4.06 | 7.42 | 4.00 | 6.18 | 5.29 | 3.38 | 3.50 | 3.40 |
| Sum Squirrels Bagged | 64 | 227 | 123 | 66 | 98 | 578 | 10 | 7 | 17 |
| Average Squirrel Bag for Season | 3.76 | 3.44 | 6.47 | 4.13 | 5.76 | 4.28 | 1.25 | 2.00 | 1.70 |
| Projected Days Squirrel Hunting | 3,366 | 5,215 | 1,796 | 1,928 | 2,205 | 14,511 | 448 | 168 | 616 |
| Projected No. Squirrel Hunters | 421 | 1,284 | 242 | 482 | 357 | 2,786 | 133 | 48 | 181 |
| Projected Squirrel Bag | 1,584 | 4,417 | 1,567 | 1,988 | 2,058 | 11,614 | 166 | 96 | 262 |
| TOTAL SQUIRREL HARVEST = | | | | | | | 11,876 | | |
| Mean Satisfaction Score * | 4.62 | 5.01 | 4.79 | 5.52 | 5.64 | 5.05 | 5.48 | 3.00 | 5.38 |
| * Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied" | | | | | | | | | |

SOUTH DAKOTA COTTONTAIL HARVEST, 1980-2016



SOUTH DAKOTA SQUIRREL HARVEST, 1980-2016



PHEASANT

The 2016 pheasant season was open from 15 October 2016 – 1 January 2017 statewide. There was also a Youth season open 1-5 October on public and private land and an early resident season open 8-10 October on public lands only. The daily limit was 3 cock pheasants, possession 15. To hunt pheasants, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. Harvest surveys were sent to both resident and nonresident hunters. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2016, there were 90,541 resident and 85,405 nonresident licenses issued that allowed holders to hunt pheasants. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 59% for residents and 64% for nonresidents.

Based on survey responses indicating at least one day of hunting pheasants, there were a projected 61,746 resident and 84,901 nonresident pheasant hunters.

A projected total of 1,170,596 pheasants were harvested (478,099 by residents, 692,497 by nonresidents) during the 2016 seasons. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.72 while nonresidents reported a higher satisfaction rating of 5.43.

Approximately 18,646 residents participated in the early, resident-only season. The projected harvest for this season was 24,444 birds.

The Youth-only season overall participation rate was approximately 5.3%; nonresidents were not surveyed on their participation in this season.

The five counties with the highest reported harvests from highest to lowest were Brule, Tripp, Lyman, Brown, and Beadle.

Comparison of the 2007 - 2016 Pheasant season statistics

| Year | Resident Hunters | | | | | Nonresident Hunters | | | | |
|------|------------------|---------|----------------|---------|--------------|---------------------|-----------|----------------|---------|--------------|
| | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2007 | 77,788 | 969,238 | 7.88 | 12.46 | 5.39 | 103,048 | 1,153,107 | 4.61 | 11.19 | 6.00 |
| 2008 | 75,978 | 877,546 | 7.33 | 11.55 | 5.31 | 100,254 | 1,058,682 | 4.49 | 10.56 | 5.86 |
| 2009 | 69,949 | 715,578 | 7.14 | 10.23 | 4.93 | 97,350 | 932,613 | 4.33 | 9.58 | 5.59 |
| 2010 | 72,465 | 803,637 | 7.16 | 11.09 | 5.20 | 100,189 | 1,027,939 | 4.42 | 10.26 | 5.88 |
| 2011 | 69,120 | 644,412 | 6.83 | 9.68 | 4.78 | 95,077 | 910,894 | 4.46 | 9.63 | 5.63 |
| 2012 | 69,240 | 599,675 | 6.92 | 9.09 | 4.65 | 93,801 | 829,198 | 4.35 | 8.90 | 5.14 |
| 2013 | 57,647 | 368,567 | 6.33 | 7.15 | 4.11 | 74,413 | 561,445 | 3.99 | 7.74 | 4.95 |
| 2014 | 61,776 | 504,144 | 6.31 | 8.32 | 4.85 | 79,195 | 695,660 | 4.16 | 8.79 | 5.52 |
| 2015 | 65,135 | 517,942 | 6.17 | 8.06 | 4.98 | 84,901 | 737,936 | 4.15 | 8.71 | 5.49 |
| 2016 | 61,746 | 478,099 | 6.24 | 7.86 | 4.72 | 81,141 | 692,497 | 4.14 | 8.57 | 5.43 |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
 Corey Huxoll

| UPLAND BIRD HARVEST PROJECTIONS FOR 2016 | | | | | | | | | |
|---|--|----------------|---------------|---------------|---------------|----------------|---------------------------|---------------|----------------|
| Revised: 18 May 2017 | | | | | | | | | |
| | RESIDENT TOTALS BY LICENSE TYPE | | | | | | NONRESIDENT TOTALS | | |
| | Small Game | Combo | Senior Combo | Junior Combo | Youth SmGm | Sum Estimates | Nonres Sm Game | Youth Sm Game | Sum Estimates |
| Licenses Sold | 21,164 | 47,929 | 8,434 | 8,164 | 4,850 | 90,541 | 82,959 | 2,446 | 85,405 |
| Projected ACTIVE UPLAND BIRD HUNTERS | 17,352 | 32,031 | 4,994 | 4,248 | 3,800 | 62,425 | 79,380 | 2,209 | 81,589 |
| Number Sampled by Survey | 1,707 | 4,107 | 770 | 659 | 406 | 7,649 | 7,585 | 201 | 7,786 |
| Number Responded to Survey | 855 | 2,463 | 662 | 271 | 231 | 4,482 | 4,897 | 100 | 4,997 |
| % Responded and Participated in Season | 82% | 67% | 59% | 52% | 78% | 68% | 98% | 92% | 98% |
| Responded and Participated in Season | 701 | 1,646 | 392 | 141 | 181 | 3,061 | 4,782 | 92 | 4,874 |
| Responded but DID NOT HUNT | 154 | 817 | 270 | 130 | 50 | 1,421 | 115 | 8 | 123 |
| Survey Response Rate | 50.1% | 60.0% | 86.0% | 41.1% | 56.9% | 58.6% | 64.6% | 49.8% | 64.2% |
| No. Hunters Reporting Pheasant Days | 697 | 1,625 | 389 | 138 | 179 | 3,028 | 4,755 | 92 | 4,847 |
| Sum Pheasant Hunted Days | 3,646 | 10,892 | 2,539 | 821 | 997 | 18,895 | 19,742 | 303 | 20,045 |
| Average Days Hunted Pheasants | 5.23 | 6.70 | 6.53 | 5.95 | 5.57 | 6.24 | 4.15 | 3.29 | 4.14 |
| Sum Pheasants Bagged | 4,195 | 14,339 | 3,089 | 1,079 | 1,113 | 23,815 | 41,065 | 451 | 41,516 |
| Average Pheasant Bag for Season | 6.02 | 8.82 | 7.94 | 7.82 | 6.22 | 7.86 | 8.64 | 4.90 | 8.57 |
| Projected Days Pheasant Hunting | 90,250 | 211,954 | 32,347 | 24,733 | 20,933 | 380,217 | 327,712 | 7,275 | 334,987 |
| Projected No. Pheasant Hunters | 17,253 | 31,622 | 4,956 | 4,157 | 3,758 | 61,746 | 78,932 | 2,209 | 81,141 |
| Projected Pheasant Bag | 103,840 | 279,031 | 39,354 | 32,505 | 23,368 | 478,099 | 681,669 | 10,829 | 692,497 |
| LCI (95%) | 92,119 | 261,073 | 33,848 | 24,183 | 16,288 | 453,121 | 667,781 | 8,699 | 678,403 |
| UCI (95%) | 115,745 | 297,238 | 45,062 | 41,363 | 30,601 | 503,118 | 695,573 | 13,013 | 706,552 |
| TOTAL PHEASANT HARVEST = | | | | | | | 1,170,596 | | |
| | | | | | | | LCI (95%) = | | |
| | | | | | | | 1,141,921 | | |
| | | | | | | | UCI (95%) = | | |
| | | | | | | | 1,199,298 | | |
| RESIDENT-ONLY OPENING WEEKEND: | | | | | | | | | |
| No. Hunters Reporting Pheasant Days | 174 | 513 | 102 | 57 | 77 | 923 | - | - | - |
| Sum Pheasant Hunted Days | 113 | 326 | 62 | 42 | 53 | 596 | - | - | - |
| Average Days Hunted Pheasants | 0.65 | 0.64 | 0.61 | 0.74 | 0.69 | 0.65 | - | - | - |
| Sum Pheasants Bagged | 155 | 632 | 100 | 74 | 86 | 1,047 | - | - | - |
| Average Pheasant Bag for Weekend | 0.89 | 1.23 | 0.98 | 1.30 | 1.12 | 1.13 | - | - | - |
| Projected Days Pheasant Hunting | 2,797 | 6,344 | 790 | 1,265 | 1,113 | 12,040 | - | - | - |
| Projected No. Pheasant Hunters | 4,307 | 9,983 | 1,299 | 1,717 | 1,617 | 18,646 | - | - | - |
| Projected Pheasant Bag | 3,837 | 12,298 | 1,274 | 2,229 | 1,806 | 21,444 | - | - | - |
| RESIDENT-ONLY WEEKEND PHEASANT HARVEST = | | | | | | | 21,444 | | |
| MENTORED YOUTH PARTICIPATION: | | | | | | | | | |
| No. Hunters Reporting Participation | 25 | 127 | 18 | NA | NA | 170 | - | - | - |
| Projected No. Hunters Participating | 619 | 2,471 | 229 | | | 3,320 | - | - | - |
| Percent Hunters Participating | 2.9% | 5.2% | 2.7% | | | 4.3% | - | - | - |
| Upland Bird Hunters Mean Satisfaction Score * | 4.75 | 4.72 | 4.57 | 4.78 | 4.89 | 4.72 | 5.44 | 5.21 | 5.43 |
| * Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied" | | | | | | | | | |

| RESIDENT-ONLY WEEKEND 2016 PHEASANT SEASON PARTICIPATION AND BAG | | | | |
|---|---------------|-------------|------------|----------|
| Last Revised: 19 May 2017 | | | | |
| | # Days Hunted | # Responded | % of Total | Ave. Bag |
| Residents | 0 | 3,886 | 86.7% | |
| | 1 | 333 | 7.4% | 1.06 |
| | 2 | 199 | 4.4% | 2.32 |
| | 3 | 64 | 1.4% | 3.63 |

| 2016 YOUTH-ONLY PHEASANT SEASON PARTICIPATION | | | |
|--|---------------------|---------------------|----------------------|
| Last Revised: 19 May 2017 | | | |
| License Type | Number Participated | Did Not Participate | Percent Participated |
| Small Game | 41 | 814 | 4.8% |
| Combination | 117 | 2,346 | 4.8% |
| Senior Combination | 26 | 636 | 3.9% |
| Youth Small Game | 46 | 185 | 19.9% |
| Junior Combination | 8 | 263 | 3.0% |
| Total | 238 | 4,244 | 5.3% |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Total Pheasant Harvest Distribution by County 2016 | | | | | | | |
|--|----------------------------|-------------------|------------------------|-----------------------------|-------------------|------------------------|------------------------|
| COUNTY | HUNTER DISTRIBUTION | | | HARVEST DISTRIBUTION | | | Birds/Hunter ** |
| | # Projected | % of Total | # Proj w/ Unk * | # Projected | % of Total | # Proj w/ Unk * | |
| Minnehaha | 1,792 | 1.3 | 1,829 | 8,648 | 0.7 | 8,759 | 4.8 |
| Pennington | 293 | 0.2 | 299 | 1,777 | 0.2 | 1,800 | 6.1 |
| Brown | 8,072 | 5.8 | 8,214 | 60,970 | 5.3 | 61,752 | 7.6 |
| Beadle | 5,601 | 4.0 | 5,700 | 50,623 | 4.4 | 51,273 | 9.0 |
| Codington | 2,190 | 1.6 | 2,233 | 13,178 | 1.1 | 13,348 | 6.0 |
| Brookings | 2,236 | 1.6 | 2,280 | 13,194 | 1.1 | 13,364 | 5.9 |
| Yankton | 1,249 | 0.9 | 1,274 | 7,539 | 0.7 | 7,636 | 6.0 |
| Davison | 4,265 | 3.0 | 4,337 | 33,736 | 2.9 | 34,169 | 7.9 |
| Lawrence | 20 | 0.0 | 21 | 0 | 0.0 | 0 | 0.0 |
| Aurora | 5,050 | 3.6 | 5,141 | 42,476 | 3.7 | 43,021 | 8.4 |
| Bennett | 1,138 | 0.8 | 1,160 | 7,593 | 0.7 | 7,691 | 6.7 |
| Bon Homme | 917 | 0.7 | 935 | 5,805 | 0.5 | 5,879 | 6.3 |
| Brule | 7,026 | 5.0 | 7,146 | 68,704 | 5.9 | 69,585 | 9.8 |
| Buffalo | 615 | 0.4 | 626 | 5,344 | 0.5 | 5,413 | 8.7 |
| Butte | 102 | 0.1 | 104 | 1,024 | 0.1 | 1,037 | 10.0 |
| Campbell | 1,669 | 1.2 | 1,697 | 15,634 | 1.4 | 15,834 | 9.4 |
| Charles Mix | 4,172 | 3.0 | 4,247 | 37,251 | 3.2 | 37,730 | 8.9 |
| Clark | 2,877 | 2.0 | 2,929 | 21,174 | 1.8 | 21,446 | 7.4 |
| Clay | 521 | 0.4 | 532 | 3,146 | 0.3 | 3,187 | 6.0 |
| Corson | 695 | 0.5 | 707 | 5,133 | 0.4 | 5,199 | 7.4 |
| Custer | 111 | 0.1 | 113 | 437 | 0.0 | 443 | 3.9 |
| Day | 1,497 | 1.1 | 1,524 | 7,705 | 0.7 | 7,804 | 5.1 |
| Deuel | 698 | 0.5 | 712 | 3,968 | 0.3 | 4,019 | 5.7 |
| Dewey | 1,674 | 1.2 | 1,703 | 14,575 | 1.3 | 14,762 | 8.7 |
| Douglas | 1,359 | 1.0 | 1,384 | 10,629 | 0.9 | 10,765 | 7.8 |
| Edmunds | 3,809 | 2.7 | 3,875 | 32,570 | 2.8 | 32,988 | 8.6 |
| Fall River | 421 | 0.3 | 430 | 1,271 | 0.1 | 1,287 | 3.0 |
| Faulk | 3,891 | 2.8 | 3,958 | 39,223 | 3.4 | 39,726 | 10.1 |
| Grant | 545 | 0.4 | 557 | 5,016 | 0.4 | 5,081 | 9.2 |
| Gregory | 4,195 | 3.0 | 4,265 | 36,801 | 3.2 | 37,272 | 8.8 |
| Haakon | 653 | 0.5 | 666 | 5,603 | 0.5 | 5,675 | 8.6 |
| Hamlin | 1,469 | 1.0 | 1,499 | 9,958 | 0.9 | 10,086 | 6.8 |
| Hand | 4,171 | 3.0 | 4,244 | 35,961 | 3.1 | 36,422 | 8.6 |
| Hanson | 1,501 | 1.1 | 1,531 | 12,609 | 1.1 | 12,771 | 8.4 |
| Harding | 425 | 0.3 | 433 | 2,992 | 0.3 | 3,030 | 7.0 |
| Hughes | 4,423 | 3.2 | 4,502 | 40,853 | 3.5 | 41,378 | 9.2 |
| Hutchinson | 2,156 | 1.5 | 2,196 | 14,646 | 1.3 | 14,834 | 6.8 |
| Hyde | 1,115 | 0.8 | 1,134 | 9,689 | 0.8 | 9,813 | 8.7 |
| Jackson | 104 | 0.1 | 106 | 922 | 0.1 | 934 | 8.9 |
| Jerauld | 1,733 | 1.2 | 1,764 | 15,125 | 1.3 | 15,319 | 8.7 |
| Jones | 1,449 | 1.0 | 1,474 | 12,895 | 1.1 | 13,060 | 8.9 |
| Kingsbury | 2,125 | 1.5 | 2,166 | 14,743 | 1.3 | 14,933 | 6.9 |
| Lake | 1,603 | 1.1 | 1,636 | 8,642 | 0.7 | 8,753 | 5.4 |
| Lincoln | 1,001 | 0.7 | 1,023 | 5,687 | 0.5 | 5,760 | 5.7 |
| Lyman | 6,599 | 4.7 | 6,711 | 63,788 | 5.5 | 64,606 | 9.7 |
| McCook | 2,099 | 1.5 | 2,144 | 17,364 | 1.5 | 17,589 | 8.3 |
| McPherson | 2,520 | 1.8 | 2,562 | 18,578 | 1.6 | 18,816 | 7.4 |
| Marshall | 984 | 0.7 | 1,002 | 5,528 | 0.5 | 5,599 | 5.6 |
| Meade | 328 | 0.2 | 335 | 2,457 | 0.2 | 2,489 | 7.5 |
| Mellette | 266 | 0.2 | 270 | 2,223 | 0.2 | 2,252 | 8.4 |
| Miner | 2,858 | 2.0 | 2,911 | 22,290 | 1.9 | 22,577 | 7.8 |
| Moody | 844 | 0.6 | 861 | 5,548 | 0.5 | 5,619 | 6.6 |
| Perkins | 1,721 | 1.2 | 1,754 | 16,781 | 1.5 | 16,998 | 9.8 |
| Potter | 3,157 | 2.2 | 3,212 | 28,130 | 2.4 | 28,491 | 8.9 |
| Roberts | 926 | 0.7 | 944 | 4,077 | 0.4 | 4,130 | 4.4 |
| Sanborn | 2,770 | 2.0 | 2,822 | 25,232 | 2.2 | 25,557 | 9.1 |
| Spink | 5,578 | 4.0 | 5,674 | 44,875 | 3.9 | 45,451 | 8.0 |
| Stanley | 1,684 | 1.2 | 1,716 | 14,415 | 1.2 | 14,600 | 8.6 |
| Sully | 3,010 | 2.1 | 3,066 | 32,844 | 2.8 | 33,267 | 10.9 |
| Tripp | 7,386 | 5.3 | 7,509 | 67,065 | 5.8 | 67,925 | 9.1 |
| Turner | 1,003 | 0.7 | 1,024 | 7,764 | 0.7 | 7,864 | 7.7 |
| Union | 482 | 0.3 | 492 | 3,158 | 0.3 | 3,199 | 6.6 |
| Walworth | 2,982 | 2.1 | 3,033 | 24,233 | 2.1 | 24,544 | 8.1 |
| Ziebach | 314 | 0.2 | 320 | 2,478 | 0.2 | 2,510 | 7.9 |
| Shannon | 108 | 0.1 | 110 | 434 | 0.0 | 439 | 4.0 |
| Todd | 108 | 0.1 | 110 | 1,022 | 0.1 | 1,035 | 9.5 |
| Unk/Unreported | 2,531 | - | - | 14,843 | - | - | 5.9 |
| TOTALS: | 142,887 | 100% | 142,887 | 1,170,596 | 100% | 1,170,596 | 8.19 |
| Last Revised: 19 May 2017 | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | |

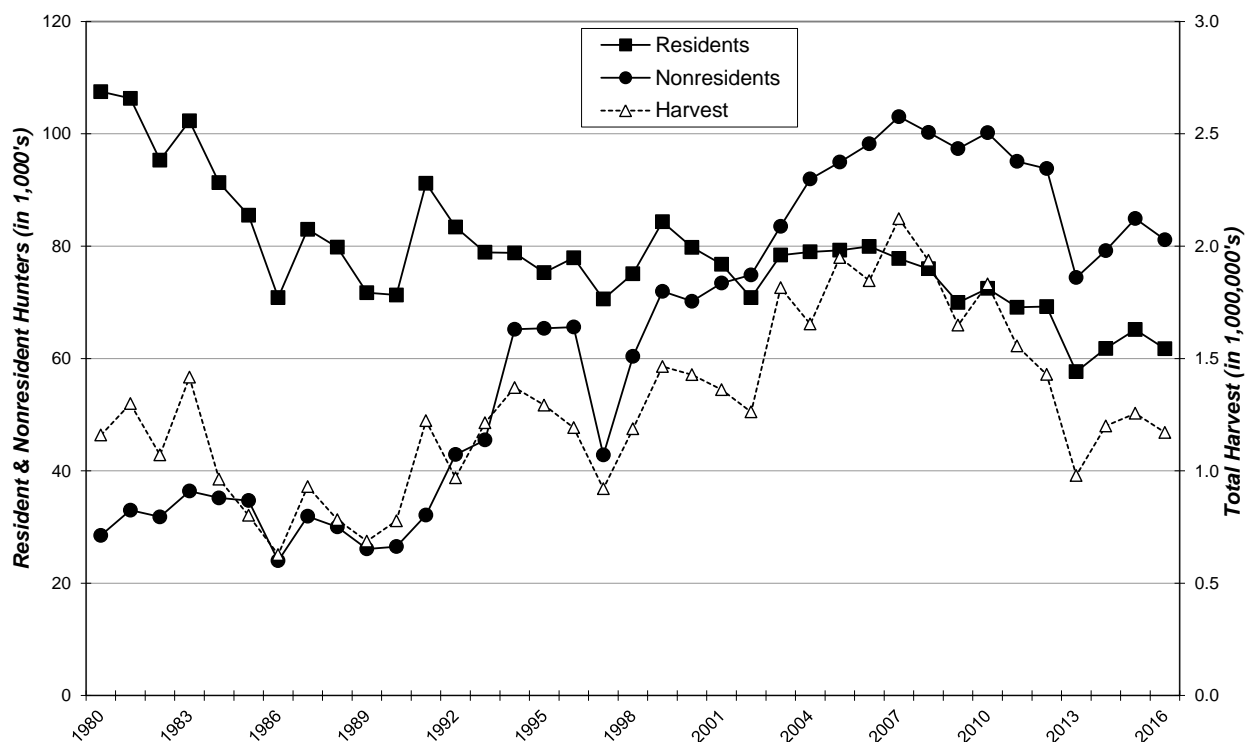
South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Resident Pheasant Harvest Distribution by County 2016 | | | | | | | | | | |
|--|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|--|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 69 | 1,407 | 2.3 | 1,438 | 297 | 5,962 | 1.3 | 6,040 | 4.2 | |
| Pennington | 7 | 143 | 0.2 | 146 | 42 | 843 | 0.2 | 854 | 5.9 | |
| Brown | 143 | 2,916 | 4.8 | 2,980 | 1,072 | 21,521 | 4.6 | 21,799 | 7.4 | |
| Beadle | 108 | 2,202 | 3.6 | 2,251 | 1,100 | 22,083 | 4.7 | 22,369 | 10.0 | |
| Codington | 68 | 1,387 | 2.3 | 1,417 | 408 | 8,191 | 1.7 | 8,297 | 5.9 | |
| Brookings | 76 | 1,550 | 2.6 | 1,584 | 447 | 8,974 | 1.9 | 9,090 | 5.8 | |
| Yankton | 44 | 897 | 1.5 | 917 | 270 | 5,420 | 1.1 | 5,490 | 6.0 | |
| Davison | 54 | 1,101 | 1.8 | 1,125 | 543 | 10,901 | 2.3 | 11,042 | 9.9 | |
| Lawrence | 1 | 20 | 0.0 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Aurora | 104 | 2,121 | 3.5 | 2,167 | 813 | 16,321 | 3.5 | 16,532 | 7.7 | |
| Bennett | 32 | 653 | 1.1 | 667 | 178 | 3,573 | 0.8 | 3,620 | 5.5 | |
| Bon Homme | 31 | 632 | 1.0 | 646 | 167 | 3,353 | 0.7 | 3,396 | 5.3 | |
| Brule | 95 | 1,937 | 3.2 | 1,980 | 1,090 | 21,882 | 4.6 | 22,165 | 11.3 | |
| Buffalo | 17 | 347 | 0.6 | 354 | 159 | 3,192 | 0.7 | 3,233 | 9.2 | |
| Butte | 5 | 102 | 0.2 | 104 | 51 | 1,024 | 0.2 | 1,037 | 10.0 | |
| Campbell | 26 | 530 | 0.9 | 542 | 134 | 2,690 | 0.6 | 2,725 | 5.1 | |
| Charles Mix | 88 | 1,794 | 3.0 | 1,834 | 807 | 16,201 | 3.4 | 16,410 | 9.0 | |
| Clark | 59 | 1,203 | 2.0 | 1,230 | 454 | 9,114 | 1.9 | 9,232 | 7.6 | |
| Clay | 19 | 387 | 0.6 | 396 | 121 | 2,429 | 0.5 | 2,461 | 6.3 | |
| Corson | 16 | 326 | 0.5 | 333 | 97 | 1,947 | 0.4 | 1,973 | 6.0 | |
| Custer | 3 | 61 | 0.1 | 63 | 1 | 20 | 0.0 | 20 | 0.3 | |
| Day | 34 | 693 | 1.1 | 709 | 196 | 3,935 | 0.8 | 3,986 | 5.7 | |
| Deuel | 26 | 530 | 0.9 | 542 | 132 | 2,650 | 0.6 | 2,684 | 5.0 | |
| Dewey | 23 | 469 | 0.8 | 479 | 230 | 4,617 | 1.0 | 4,677 | 9.8 | |
| Douglas | 33 | 673 | 1.1 | 688 | 227 | 4,557 | 1.0 | 4,616 | 6.8 | |
| Edmunds | 62 | 1,264 | 2.1 | 1,292 | 509 | 10,218 | 2.2 | 10,351 | 8.1 | |
| Fall River | 19 | 387 | 0.6 | 396 | 55 | 1,104 | 0.2 | 1,118 | 2.8 | |
| Faulk | 57 | 1,162 | 1.9 | 1,188 | 533 | 10,700 | 2.3 | 10,839 | 9.2 | |
| Grant | 21 | 428 | 0.7 | 438 | 205 | 4,115 | 0.9 | 4,169 | 9.6 | |
| Gregory | 44 | 897 | 1.5 | 917 | 291 | 5,842 | 1.2 | 5,918 | 6.5 | |
| Haakon | 23 | 469 | 0.8 | 479 | 201 | 4,035 | 0.9 | 4,087 | 8.6 | |
| Hamlin | 54 | 1,101 | 1.8 | 1,125 | 388 | 7,789 | 1.7 | 7,890 | 7.1 | |
| Hand | 74 | 1,509 | 2.5 | 1,542 | 530 | 10,640 | 2.3 | 10,778 | 7.1 | |
| Hanson | 49 | 999 | 1.7 | 1,021 | 427 | 8,572 | 1.8 | 8,683 | 8.6 | |
| Harding | 11 | 224 | 0.4 | 229 | 46 | 923 | 0.2 | 935 | 4.1 | |
| Hughes | 88 | 1,794 | 3.0 | 1,834 | 1,003 | 20,136 | 4.3 | 20,396 | 11.2 | |
| Hutchinson | 54 | 1,101 | 1.8 | 1,125 | 344 | 6,906 | 1.5 | 6,995 | 6.3 | |
| Hyde | 21 | 428 | 0.7 | 438 | 181 | 3,634 | 0.8 | 3,681 | 8.5 | |
| Jackson | 1 | 20 | 0.0 | 21 | 21 | 422 | 0.1 | 427 | 20.7 | |
| Jerauld | 39 | 795 | 1.3 | 813 | 328 | 6,585 | 1.4 | 6,670 | 8.3 | |
| Jones | 21 | 428 | 0.7 | 438 | 241 | 4,838 | 1.0 | 4,901 | 11.3 | |
| Kingsbury | 64 | 1,305 | 2.2 | 1,334 | 417 | 8,371 | 1.8 | 8,480 | 6.4 | |
| Lake | 63 | 1,285 | 2.1 | 1,313 | 364 | 7,307 | 1.5 | 7,402 | 5.7 | |
| Lincoln | 45 | 918 | 1.5 | 938 | 265 | 5,320 | 1.1 | 5,389 | 5.8 | |
| Lyman | 88 | 1,794 | 3.0 | 1,834 | 885 | 17,767 | 3.8 | 17,997 | 9.9 | |
| McCook | 89 | 1,815 | 3.0 | 1,855 | 737 | 14,796 | 3.1 | 14,987 | 8.2 | |
| McPherson | 30 | 612 | 1.0 | 625 | 156 | 3,132 | 0.7 | 3,172 | 5.1 | |
| Marshall | 22 | 449 | 0.7 | 458 | 110 | 2,208 | 0.5 | 2,237 | 4.9 | |
| Meade | 12 | 245 | 0.4 | 250 | 85 | 1,706 | 0.4 | 1,728 | 7.0 | |
| Mellette | 4 | 82 | 0.1 | 83 | 21 | 422 | 0.1 | 427 | 5.2 | |
| Miner | 72 | 1,468 | 2.4 | 1,500 | 488 | 9,797 | 2.1 | 9,924 | 6.7 | |
| Moody | 34 | 693 | 1.1 | 709 | 224 | 4,497 | 1.0 | 4,555 | 6.5 | |
| Perkins | 54 | 1,101 | 1.8 | 1,125 | 526 | 10,560 | 2.2 | 10,696 | 9.6 | |
| Potter | 53 | 1,081 | 1.8 | 1,104 | 464 | 9,315 | 2.0 | 9,435 | 8.6 | |
| Roberts | 29 | 591 | 1.0 | 604 | 125 | 2,509 | 0.5 | 2,542 | 4.2 | |
| Sanborn | 71 | 1,448 | 2.4 | 1,480 | 701 | 14,073 | 3.0 | 14,255 | 9.7 | |
| Spink | 88 | 1,794 | 3.0 | 1,834 | 704 | 14,133 | 3.0 | 14,316 | 7.9 | |
| Stanley | 44 | 897 | 1.5 | 917 | 394 | 7,910 | 1.7 | 8,012 | 8.8 | |
| Sully | 77 | 1,570 | 2.6 | 1,605 | 914 | 18,349 | 3.9 | 18,586 | 11.7 | |
| Tripp | 88 | 1,794 | 3.0 | 1,834 | 740 | 14,856 | 3.1 | 15,048 | 8.3 | |
| Turner | 41 | 836 | 1.4 | 854 | 302 | 6,063 | 1.3 | 6,141 | 7.3 | |
| Union | 22 | 449 | 0.7 | 458 | 149 | 2,991 | 0.6 | 3,030 | 6.7 | |
| Walworth | 42 | 856 | 1.4 | 875 | 338 | 6,786 | 1.4 | 6,873 | 7.9 | |
| Ziebach | 8 | 163 | 0.3 | 167 | 47 | 944 | 0.2 | 956 | 5.8 | |
| Shannon | 2 | 41 | 0.1 | 42 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Todd | 2 | 41 | 0.1 | 42 | 16 | 321 | 0.1 | 325 | 7.9 | |
| Unk/Unreported | 65 | 1,325 | - | - | 304 | 6,103 | - | - | 4.6 | |
| TOTALS: | 3,028 | 61,746 | 100% | 61,746 | 23,815 | 478,099 | 100% | 478,099 | 7.74 | |
| Last Revised: 19 May 2017 | | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | | |

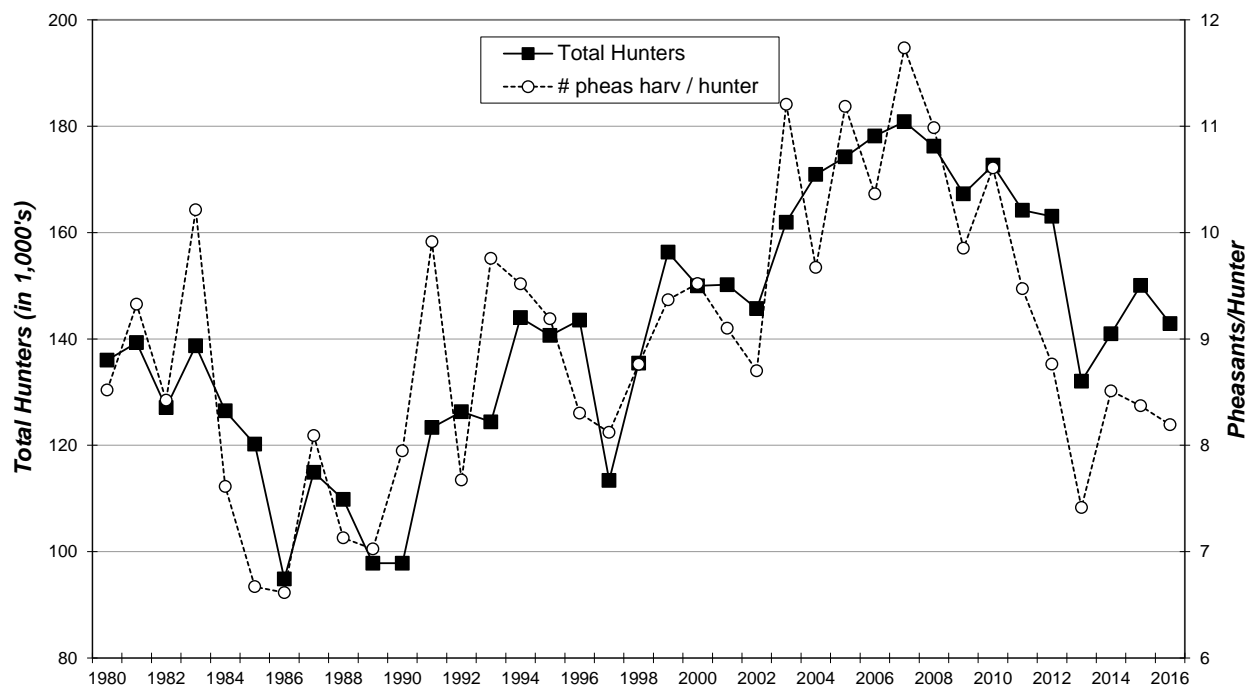
South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Nonresident Pheasant Harvest Distribution by County 2016 | | | | | | | | | | |
|---|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|--|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 23 | 385 | 0.5 | 391 | 161 | 2,686 | 0.4 | 2,720 | 7.0 | |
| Pennington | 9 | 151 | 0.2 | 153 | 56 | 934 | 0.1 | 946 | 6.2 | |
| Brown | 308 | 5,156 | 6.5 | 5,234 | 2,365 | 39,449 | 5.8 | 39,953 | 7.7 | |
| Beadle | 203 | 3,398 | 4.3 | 3,450 | 1,711 | 28,540 | 4.2 | 28,905 | 8.4 | |
| Codington | 48 | 804 | 1.0 | 816 | 299 | 4,987 | 0.7 | 5,051 | 6.2 | |
| Brookings | 41 | 686 | 0.9 | 697 | 253 | 4,220 | 0.6 | 4,274 | 6.1 | |
| Yankton | 21 | 352 | 0.4 | 357 | 127 | 2,118 | 0.3 | 2,145 | 6.0 | |
| Davison | 189 | 3,164 | 4.0 | 3,212 | 1,369 | 22,835 | 3.3 | 23,127 | 7.2 | |
| Lawrence | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Aurora | 175 | 2,930 | 3.7 | 2,974 | 1,568 | 26,155 | 3.8 | 26,489 | 8.9 | |
| Bennett | 29 | 485 | 0.6 | 493 | 241 | 4,020 | 0.6 | 4,071 | 8.3 | |
| Bon Homme | 17 | 285 | 0.4 | 289 | 147 | 2,452 | 0.4 | 2,483 | 8.6 | |
| Brule | 304 | 5,089 | 6.4 | 5,166 | 2,807 | 46,821 | 6.8 | 47,420 | 9.2 | |
| Buffalo | 16 | 268 | 0.3 | 272 | 129 | 2,152 | 0.3 | 2,179 | 8.0 | |
| Butte | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Campbell | 68 | 1,138 | 1.4 | 1,156 | 776 | 12,944 | 1.9 | 13,109 | 11.4 | |
| Charles Mix | 142 | 2,377 | 3.0 | 2,413 | 1,262 | 21,050 | 3.1 | 21,320 | 8.9 | |
| Clark | 100 | 1,674 | 2.1 | 1,699 | 723 | 12,060 | 1.8 | 12,214 | 7.2 | |
| Clay | 8 | 134 | 0.2 | 136 | 43 | 717 | 0.1 | 726 | 5.4 | |
| Corson | 22 | 368 | 0.5 | 374 | 191 | 3,186 | 0.5 | 3,227 | 8.7 | |
| Custer | 3 | 50 | 0.1 | 51 | 25 | 417 | 0.1 | 422 | 8.3 | |
| Day | 48 | 804 | 1.0 | 816 | 226 | 3,770 | 0.6 | 3,818 | 4.7 | |
| Deuel | 10 | 167 | 0.2 | 170 | 79 | 1,318 | 0.2 | 1,335 | 7.9 | |
| Dewey | 72 | 1,205 | 1.5 | 1,223 | 597 | 9,958 | 1.5 | 10,085 | 8.3 | |
| Douglas | 41 | 686 | 0.9 | 697 | 364 | 6,072 | 0.9 | 6,149 | 8.8 | |
| Edmunds | 152 | 2,545 | 3.2 | 2,583 | 1,340 | 22,352 | 3.3 | 22,637 | 8.8 | |
| Fall River | 2 | 33 | 0.0 | 34 | 10 | 167 | 0.0 | 169 | 5.0 | |
| Faulk | 163 | 2,729 | 3.4 | 2,770 | 1,710 | 28,523 | 4.2 | 28,888 | 10.5 | |
| Grant | 7 | 117 | 0.1 | 119 | 54 | 901 | 0.1 | 912 | 7.7 | |
| Gregory | 197 | 3,298 | 4.1 | 3,348 | 1,856 | 30,959 | 4.5 | 31,354 | 9.4 | |
| Haakon | 11 | 184 | 0.2 | 187 | 94 | 1,568 | 0.2 | 1,588 | 8.5 | |
| Hamlin | 22 | 368 | 0.5 | 374 | 130 | 2,168 | 0.3 | 2,196 | 5.9 | |
| Hand | 159 | 2,662 | 3.3 | 2,702 | 1,518 | 25,321 | 3.7 | 25,644 | 9.5 | |
| Hanson | 30 | 502 | 0.6 | 510 | 242 | 4,037 | 0.6 | 4,088 | 8.0 | |
| Harding | 12 | 201 | 0.3 | 204 | 124 | 2,068 | 0.3 | 2,095 | 10.3 | |
| Hughes | 157 | 2,628 | 3.3 | 2,668 | 1,242 | 20,717 | 3.0 | 20,982 | 7.9 | |
| Hutchinson | 63 | 1,055 | 1.3 | 1,071 | 464 | 7,740 | 1.1 | 7,839 | 7.3 | |
| Hyde | 41 | 686 | 0.9 | 697 | 363 | 6,055 | 0.9 | 6,132 | 8.8 | |
| Jackson | 5 | 84 | 0.1 | 85 | 30 | 500 | 0.1 | 507 | 6.0 | |
| Jerauld | 56 | 937 | 1.2 | 952 | 512 | 8,540 | 1.2 | 8,649 | 9.1 | |
| Jones | 61 | 1,021 | 1.3 | 1,037 | 483 | 8,057 | 1.2 | 8,160 | 7.9 | |
| Kingsbury | 49 | 820 | 1.0 | 833 | 382 | 6,372 | 0.9 | 6,453 | 7.8 | |
| Lake | 19 | 318 | 0.4 | 323 | 80 | 1,334 | 0.2 | 1,351 | 4.2 | |
| Lincoln | 5 | 84 | 0.1 | 85 | 22 | 367 | 0.1 | 372 | 4.4 | |
| Lyman | 287 | 4,804 | 6.0 | 4,877 | 2,759 | 46,021 | 6.7 | 46,609 | 9.6 | |
| McCook | 17 | 285 | 0.4 | 289 | 154 | 2,569 | 0.4 | 2,602 | 9.0 | |
| McPherson | 114 | 1,908 | 2.4 | 1,937 | 926 | 15,446 | 2.3 | 15,643 | 8.1 | |
| Marshall | 32 | 536 | 0.7 | 544 | 199 | 3,319 | 0.5 | 3,362 | 6.2 | |
| Meade | 5 | 84 | 0.1 | 85 | 45 | 751 | 0.1 | 760 | 9.0 | |
| Mellette | 11 | 184 | 0.2 | 187 | 108 | 1,801 | 0.3 | 1,824 | 9.8 | |
| Miner | 83 | 1,389 | 1.7 | 1,410 | 749 | 12,494 | 1.8 | 12,653 | 9.0 | |
| Moody | 9 | 151 | 0.2 | 153 | 63 | 1,051 | 0.2 | 1,064 | 7.0 | |
| Perkins | 37 | 619 | 0.8 | 629 | 373 | 6,222 | 0.9 | 6,301 | 10.0 | |
| Potter | 124 | 2,076 | 2.6 | 2,107 | 1,128 | 18,815 | 2.8 | 19,056 | 9.1 | |
| Roberts | 20 | 335 | 0.4 | 340 | 94 | 1,568 | 0.2 | 1,588 | 4.7 | |
| Sanborn | 79 | 1,322 | 1.7 | 1,342 | 669 | 11,159 | 1.6 | 11,302 | 8.4 | |
| Spink | 226 | 3,783 | 4.7 | 3,840 | 1,843 | 30,742 | 4.5 | 31,135 | 8.1 | |
| Stanley | 47 | 787 | 1.0 | 799 | 390 | 6,505 | 1.0 | 6,588 | 8.3 | |
| Sully | 86 | 1,440 | 1.8 | 1,461 | 869 | 14,495 | 2.1 | 14,680 | 10.1 | |
| Tripp | 334 | 5,591 | 7.0 | 5,676 | 3,130 | 52,209 | 7.6 | 52,877 | 9.3 | |
| Turner | 10 | 167 | 0.2 | 170 | 102 | 1,701 | 0.2 | 1,723 | 10.2 | |
| Union | 2 | 33 | 0.0 | 34 | 10 | 167 | 0.0 | 169 | 5.0 | |
| Walworth | 127 | 2,126 | 2.7 | 2,158 | 1,046 | 17,448 | 2.6 | 17,671 | 8.2 | |
| Ziebach | 9 | 151 | 0.2 | 153 | 92 | 1,535 | 0.2 | 1,554 | 10.2 | |
| Shannon | 4 | 67 | 0.1 | 68 | 26 | 434 | 0.1 | 439 | 6.5 | |
| Todd | 4 | 67 | 0.1 | 68 | 42 | 701 | 0.1 | 710 | 10.5 | |
| Unk/Unreported | 72 | 1,205 | - | - | 524 | 8,740 | - | - | 7.3 | |
| TOTALS | 4,847 | 81,141 | 100% | 81,141 | 41,516 | 692,497 | 100% | 692,497 | 8.53 | |
| <i>Last Revised: 19 May 2017</i> | | | | | | | | | | |
| <i>* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.</i> | | | | | | | | | | |
| <i>** Calculation uses "# projected" values without correction for unknown/unreported county values.</i> | | | | | | | | | | |

SOUTH DAKOTA PHEASANT HARVEST 1980-2016



SOUTH DAKOTA PHEASANT HUNTERS AND AVERAGE SEASON HARVEST 1980-2016



PARTRIDGE

The 2016 partridge season was open 17 September 2016 - 1 January 2017 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 5 birds, possession 15. To hunt partridge residents required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. Harvest surveys were sent to both resident and nonresident hunters. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2016, there were 90,541 resident and 85,405 nonresident licenses issued that allowed holders to hunt partridge. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 59% for residents and 64% for nonresidents.

Based on survey responses indicating at least one day of hunting partridge, there were a projected 2,516 resident and 2,204 nonresident partridge hunters.

An estimated 10,325 partridge were harvested (7,053 by residents, 3,272 by nonresidents) during the 2016 season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), resident upland bird hunters reported an average satisfaction rating of 4.72 while nonresidents reported an average satisfaction rating of 5.43.

Comparison of the 2007 - 2016 partridge harvests

| Year | Residents | | | | Nonresidents | | | |
|------|------------------|---------|-----------------|---------|---------------------|---------|-----------------|---------|
| | Hunters | Harvest | Ave Days Hunted | Ave Bag | Hunters | Harvest | Ave Days Hunted | Ave Bag |
| 2007 | 3,767 | 7,760 | 8.01 | 2.06 | 3,160 | 6,573 | 4.66 | 2.08 |
| 2008 | 2,916 | 6,065 | 7.16 | 2.08 | 2,945 | 6,155 | 4.51 | 2.09 |
| 2009 | 2,687 | 4,675 | 7.23 | 1.74 | 2,511 | 3,716 | 4.36 | 1.48 |
| 2010 | 2,361 | 5,383 | 8.00 | 2.28 | 2,286 | 4,092 | 4.71 | 1.79 |
| 2011 | 2,335 | 3,719 | 3.77 | 1.57 | 1,889 | 3,771 | 4.09 | 2.01 |
| 2012 | 2,903 | 4,338 | 4.75 | 1.51 | 3,231 | 6,295 | 3.97 | 1.95 |
| 2013 | 2,666 | 2,990 | 7.09 | 1.13 | 1,926 | 2,761 | 4.23 | 1.43 |
| 2014 | 2,355 | 5,942 | 6.27 | 2.43 | 1,985 | 3,609 | 4.13 | 1.82 |
| 2015 | 3,189 | 5,840 | 5.63 | 1.85 | 2,133 | 5,019 | 4.05 | 3.08 |
| 2016 | 2,516 | 7,053 | 5.87 | 2.73 | 2,204 | 3,272 | 4.21 | 1.48 |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
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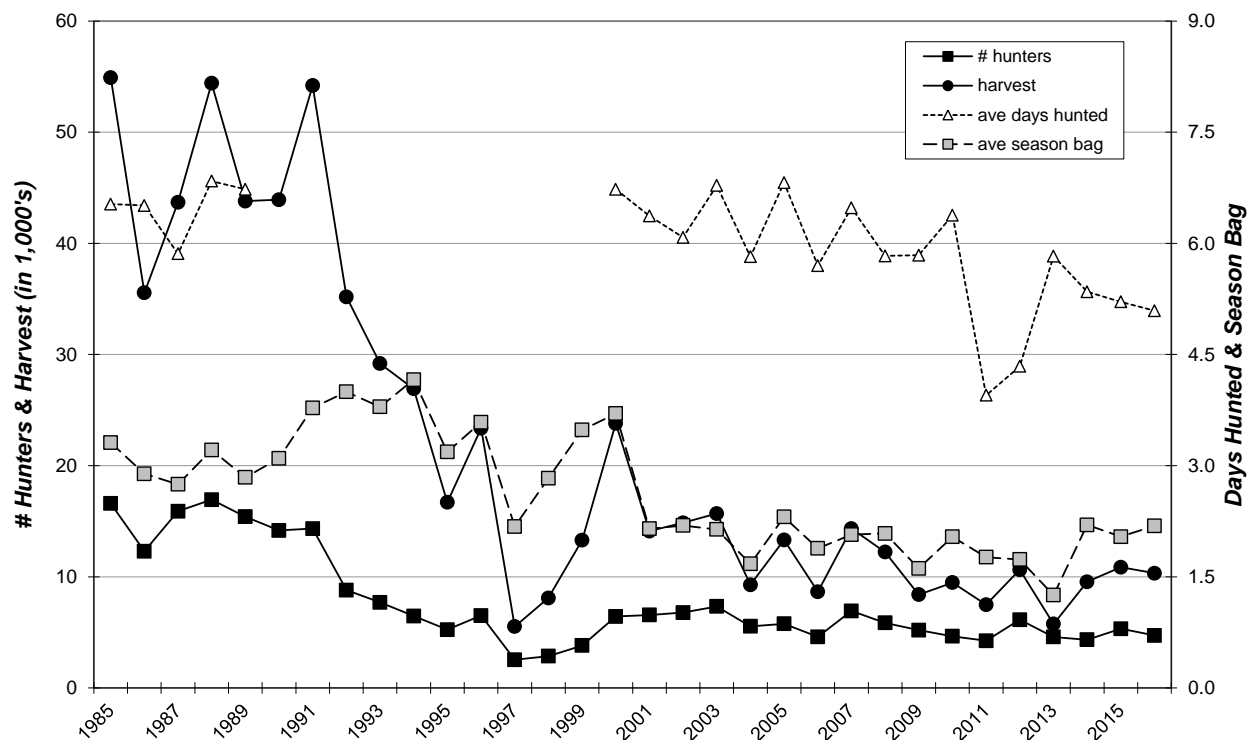
PARTRIDGE HARVEST PROJECTIONS FOR 2016

Revised: 18 May 2017

| | RESIDENT TOTALS BY LICENSE TYPE | | | | | | NONRESIDENT TOTALS | | |
|--|---------------------------------|---------------|--------------|--------------|--------------|---------------|--------------------|---------------|---------------|
| | Small Game | Combo | Senior Combo | Junior Combo | Youth SmGm | Sum Estimates | Nonres Sm Game | Youth Sm Game | Sum Estimates |
| Licenses Sold | 21,164 | 47,929 | 8,434 | 8,164 | 4,850 | 90,541 | 82,959 | 2,446 | 85,405 |
| Projected ACTIVE UPLAND BIRD HUNTERS | 17,352 | 32,031 | 4,994 | 4,248 | 3,800 | 62,425 | 79,380 | 2,209 | 81,589 |
| Number Sampled by Survey | 1,707 | 4,107 | 770 | 659 | 406 | 7,649 | 7,585 | 201 | 7,786 |
| Number Responded to Survey | 855 | 2,463 | 662 | 271 | 231 | 4,482 | 4,897 | 100 | 4,997 |
| % Responded and Participated in Season | 82% | 67% | 59% | 52% | 78% | 68% | 98% | 92% | 98% |
| Responded and Participated in Season | 701 | 1,646 | 392 | 141 | 181 | 3,061 | 4,782 | 92 | 4,874 |
| Responded but DID NOT HUNT | 154 | 817 | 270 | 130 | 50 | 1,421 | 115 | 8 | 123 |
| Survey Response Rate | 50.1% | 60.0% | 86.0% | 41.1% | 56.9% | 58.6% | 64.6% | 49.8% | 64.2% |
| No. Hunters Reporting Partridge Days | 18 | 90 | 13 | 3 | 3 | 127 | 127 | 4 | 131 |
| Sum Partridge Hunted Days | 94 | 548 | 75 | 20 | 9 | 746 | 533 | 18 | 551 |
| Average Days Hunted Partridge | 5.22 | 6.09 | 5.77 | 6.67 | 3.00 | 5.87 | 4.20 | 4.50 | 4.21 |
| Sum Partridge Bagged | 18 | 277 | 18 | 30 | 4 | 347 | 187 | 7 | 194 |
| Average Season Partridge Bag | 1.00 | 3.08 | 1.38 | 10.00 | 1.33 | 2.73 | 1.47 | 1.75 | 1.48 |
| Projected Days Partridge Hunting | 2,327 | 10,664 | 956 | 603 | 189 | 14,738 | 8,848 | 432 | 9,280 |
| Projected No. Partridge Hunters | 446 | 1,751 | 166 | 90 | 63 | 2,516 | 2,108 | 96 | 2,204 |
| Projected Partridge Bag | 446 | 5,390 | 229 | 904 | 84 | 7,053 | 3,104 | 168 | 3,272 |
| TOTAL PARTRIDGE HARVEST = | | | | | | | 10,325 | | |
| Upland Bird Hunters Mean Satisfaction Score * | 4.75 | 4.72 | 4.57 | 4.78 | 4.89 | 4.72 | 5.44 | 5.21 | 5.43 |

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

STATEWIDE PARTRIDGE HARVEST, 1985-2016



South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Resident Partridge Harvest Distribution by County 2016 | | | | | | | | | | |
|---|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|---|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Pennington | 6 | 119 | 4.9 | 124 | 5 | 102 | 1.5 | 105 | 0.9 | 0 |
| Brown | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Beadle | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Codington | 1 | 20 | 0.8 | 21 | 5 | 102 | 1.5 | 105 | 5.1 | 0 |
| Brookings | 5 | 99 | 4.1 | 103 | 2 | 41 | 0.6 | 42 | 0.4 | 0 |
| Yankton | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Davison | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Lawrence | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Aurora | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Bennett | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Bon Homme | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Brule | 1 | 20 | 0.8 | 21 | 2 | 41 | 0.6 | 42 | 2.1 | 0 |
| Buffalo | 2 | 40 | 1.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Butte | 2 | 40 | 1.6 | 41 | 5 | 102 | 1.5 | 105 | 2.6 | 0 |
| Campbell | 2 | 40 | 1.6 | 41 | 3 | 61 | 0.9 | 63 | 1.5 | 0 |
| Charles Mix | 1 | 20 | 0.8 | 21 | 1 | 20 | 0.3 | 21 | 1.0 | 0 |
| Clark | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Clay | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Corson | 2 | 40 | 1.6 | 41 | 1 | 20 | 0.3 | 21 | 0.5 | 0 |
| Custer | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Day | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Deuel | 2 | 40 | 1.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Dewey | 7 | 139 | 5.7 | 144 | 29 | 589 | 8.6 | 609 | 4.3 | 0 |
| Douglas | 2 | 40 | 1.6 | 41 | 4 | 81 | 1.2 | 84 | 2.1 | 0 |
| Edmunds | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Fall River | 1 | 20 | 0.8 | 21 | 12 | 244 | 3.6 | 252 | 12.3 | 0 |
| Faulk | 2 | 40 | 1.6 | 41 | 3 | 61 | 0.9 | 63 | 1.5 | 0 |
| Grant | 3 | 59 | 2.5 | 62 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Gregory | 2 | 40 | 1.6 | 41 | 12 | 244 | 3.6 | 252 | 6.2 | 0 |
| Haakon | 2 | 40 | 1.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Hamlin | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Hand | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Hanson | 1 | 20 | 0.8 | 21 | 5 | 102 | 1.5 | 105 | 5.1 | 0 |
| Harding | 4 | 79 | 3.3 | 82 | 10 | 203 | 3.0 | 210 | 2.6 | 0 |
| Hughes | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Hutchinson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Hyde | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Jackson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Jerauld | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Jones | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Kingsbury | 3 | 59 | 2.5 | 62 | 10 | 203 | 3.0 | 210 | 3.4 | 0 |
| Lake | 2 | 40 | 1.6 | 41 | 1 | 20 | 0.3 | 21 | 0.5 | 0 |
| Lincoln | 1 | 20 | 0.8 | 21 | 2 | 41 | 0.6 | 42 | 2.1 | 0 |
| Lyman | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| McCook | 4 | 79 | 3.3 | 82 | 5 | 102 | 1.5 | 105 | 1.3 | 0 |
| McPherson | 2 | 40 | 1.6 | 41 | 2 | 41 | 0.6 | 42 | 1.0 | 0 |
| Marshall | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Meade | 12 | 238 | 9.8 | 247 | 69 | 1,402 | 20.5 | 1,448 | 5.9 | 0 |
| Mellette | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Miner | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Moody | 2 | 40 | 1.6 | 41 | 1 | 20 | 0.3 | 21 | 0.5 | 0 |
| Perkins | 29 | 574 | 23.8 | 598 | 135 | 2,744 | 40.2 | 2,834 | 4.8 | 0 |
| Potter | 2 | 40 | 1.6 | 41 | 5 | 102 | 1.5 | 105 | 2.6 | 0 |
| Roberts | 2 | 40 | 1.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Sanborn | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Spink | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Stanley | 4 | 79 | 3.3 | 82 | 5 | 102 | 1.5 | 105 | 1.3 | 0 |
| Sully | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Tripp | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Turner | 1 | 20 | 0.8 | 21 | 1 | 20 | 0.3 | 21 | 1.0 | 0 |
| Union | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Walworth | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Ziebach | 2 | 40 | 1.6 | 41 | 1 | 20 | 0.3 | 21 | 0.5 | 0 |
| Shannon | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Todd | 1 | 20 | 0.8 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | 0 |
| Unknown | 5 | 99 | - | - | 11 | 224 | - | - | 2.3 | 0 |
| TOTALS: | 127 | 2,516 | 100% | 2,516 | 347 | 7,053 | 100% | 7,053 | 2.80 | |
| <i>Last Revised: 27 June 2017</i> | | | | | | | | | | |
| <i>* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.</i> | | | | | | | | | | |
| <i>** Calculation uses "# projected" values without correction for unknown/unreported county values.</i> | | | | | | | | | | |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Nonresident Partridge Harvest Distribution by County 2016 | | | | | | | | | | |
|--|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|--|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 2 | 34 | 1.5 | 34 | 5 | 84 | 2.6 | 84 | 2.5 | |
| Pennington | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Brown | 3 | 50 | 2.3 | 51 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Beadle | 2 | 34 | 1.5 | 34 | 7 | 118 | 3.6 | 118 | 3.5 | |
| Codington | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Brookings | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Yankton | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Davison | 1 | 17 | 0.8 | 17 | 5 | 84 | 2.6 | 84 | 5.0 | |
| Lawrence | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Aurora | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Bennett | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Bon Homme | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Brule | 3 | 50 | 2.3 | 51 | 2 | 34 | 1.0 | 34 | 0.7 | |
| Buffalo | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Butte | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Campbell | 3 | 50 | 2.3 | 51 | 1 | 17 | 0.5 | 17 | 0.3 | |
| Chas Mix | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Clark | 2 | 34 | 1.5 | 34 | 6 | 101 | 3.1 | 101 | 3.0 | |
| Clay | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Corson | 5 | 84 | 3.8 | 85 | 14 | 236 | 7.2 | 236 | 2.8 | |
| Custer | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Day | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Deuel | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Dewey | 19 | 320 | 14.6 | 322 | 28 | 472 | 14.4 | 472 | 1.5 | |
| Douglas | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Edmunds | 2 | 34 | 1.5 | 34 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Fall River | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Faulk | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Grant | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Gregory | 9 | 151 | 6.9 | 153 | 9 | 152 | 4.6 | 152 | 1.0 | |
| Haakon | 1 | 17 | 0.8 | 17 | 2 | 34 | 1.0 | 34 | 2.0 | |
| Hamlin | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Hand | 2 | 34 | 1.5 | 34 | 3 | 51 | 1.5 | 51 | 1.5 | |
| Hanson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Harding | 1 | 17 | 0.8 | 17 | 4 | 67 | 2.1 | 67 | 4.0 | |
| Hughes | 6 | 101 | 4.6 | 102 | 8 | 135 | 4.1 | 135 | 1.3 | |
| Hutchinson | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Hyde | 2 | 34 | 1.5 | 34 | 2 | 34 | 1.0 | 34 | 1.0 | |
| Jackson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Jerauld | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Jones | 2 | 34 | 1.5 | 34 | 2 | 34 | 1.0 | 34 | 1.0 | |
| Kingsbury | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Lake | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Lincoln | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Lyman | 5 | 84 | 3.8 | 85 | 1 | 17 | 0.5 | 17 | 0.2 | |
| McCook | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| McPherson | 1 | 17 | 0.8 | 17 | 1 | 17 | 0.5 | 17 | 1.0 | |
| Marshall | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Meade | 3 | 50 | 2.3 | 51 | 4 | 67 | 2.1 | 67 | 1.3 | |
| Mellette | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Miner | 2 | 34 | 1.5 | 34 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Moody | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Perkins | 18 | 303 | 13.8 | 305 | 42 | 708 | 21.6 | 708 | 2.3 | |
| Potter | 3 | 50 | 2.3 | 51 | 1 | 17 | 0.5 | 17 | 0.3 | |
| Roberts | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Sanborn | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Spink | 2 | 34 | 1.5 | 34 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Stanley | 6 | 101 | 4.6 | 102 | 13 | 219 | 6.7 | 219 | 2.2 | |
| Sully | 2 | 34 | 1.5 | 34 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Tripp | 4 | 67 | 3.1 | 68 | 2 | 34 | 1.0 | 34 | 0.5 | |
| Turner | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Union | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Walworth | 6 | 101 | 4.6 | 102 | 6 | 101 | 3.1 | 101 | 1.0 | |
| Ziebach | 6 | 101 | 4.6 | 102 | 23 | 388 | 11.9 | 388 | 3.8 | |
| Shannon | 1 | 17 | 0.8 | 17 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Todd | 1 | 17 | 0.8 | 17 | 3 | 51 | 1.5 | 51 | 3.0 | |
| Unknown | 1 | 17 | - | - | 0 | 0 | - | - | 0.0 | |
| TOTALS: | 131 | 2,204 | 100.0% | 2,204 | 194 | 3,272 | 100.0% | 3,272 | 1.48 | |
| Last Revised: 27 June 2017 | | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | | |

PRAIRIE CHICKEN & SHARP-TAILED GROUSE

Historically, these two species, plus ruffed grouse, have been combined under the name "Prairie Grouse." In these reports, harvest estimates for these species were combined. In 2006, hunters were asked specifically how many of each species were harvested of the total harvest and 76% were identified as sharp-tailed grouse, 20% as prairie chickens, and 4% were unknown. They continue to be combined for the overall harvest estimates in this report.

The 2016 grouse season covered 17 September 2016 – 1 January 2017 statewide. Harvest surveys were sent to both resident and nonresident hunters. The daily limit was 3 birds, possession 15. To hunt grouse residents required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses; nonresidents were required to obtain adult or youth small game or nonresident shooting preserve licenses. Harvest surveys were sent to both resident and nonresident hunters. No shooting preserve license holders were surveyed and none of their harvest is included in any of the data in this report.

In 2016, there were 90,541 resident and 85,405 nonresident licenses issued that allowed holders to hunt grouse. Approximately 10% of residents and nonresidents were surveyed for the upland bird seasons. Survey response rates were 59% for residents and 64% for nonresidents.

Based on survey responses indicating at least one day of hunting grouse, there were a projected 7,199 resident and 5,203 nonresident grouse hunters. A projected total of 42,905 grouse were harvested (31,611 by residents, 11,294 by nonresidents) during the 2016 season.

When asked their satisfaction on the season, (1 being very dissatisfied, and 7 being very satisfied), resident upland bird hunters reported an average rating of 4.72 while nonresidents reported a rating of 5.43.

Comparison of the 2007 - 2016 prairie grouse season statistics

| Year | Residents | | | | | Nonresidents | | | | |
|------|-----------|---------|----------------|---------|--------------|--------------|---------|----------------|---------|--------------|
| | Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2007 | 6,164 | 23,177 | 4.37 | 3.76 | 5.39 | 4,663 | 10,865 | 3.70 | 2.33 | 6.00 |
| 2008 | 7,044 | 34,023 | 4.46 | 4.83 | 5.31 | 5,383 | 13,458 | 4.26 | 2.50 | 5.86 |
| 2009 | 6,377 | 26,018 | 4.41 | 4.08 | 4.93 | 4,571 | 12,662 | 4.19 | 2.77 | 5.59 |
| 2010 | 7,879 | 39,868 | 4.49 | 5.06 | 5.20 | 5,386 | 17,020 | 3.92 | 3.16 | 5.88 |
| 2011 | 6,789 | 27,581 | 4.19 | 4.09 | 4.78 | 6,407 | 20,718 | 4.01 | 3.26 | 5.63 |
| 2012 | 7,197 | 31,223 | 4.68 | 4.38 | 4.65 | 7,037 | 19,005 | 3.83 | 2.70 | 5.14 |
| 2013 | 7,149 | 19,858 | 4.28 | 2.76 | 4.11 | 4,523 | 7,840 | 3.87 | 1.73 | 4.95 |
| 2014 | 6,503 | 25,847 | 4.55 | 4.01 | 4.85 | 4,254 | 9,943 | 3.99 | 2.31 | 5.52 |
| 2015 | 7,866 | 34,506 | 4.72 | 4.40 | 4.98 | 5,032 | 15,388 | 4.05 | 3.08 | 5.49 |
| 2016 | 7,199 | 31,611 | 4.88 | 4.40 | 4.72 | 5,203 | 11,294 | 4.04 | 2.18 | 5.43 |

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Corey Huxoll

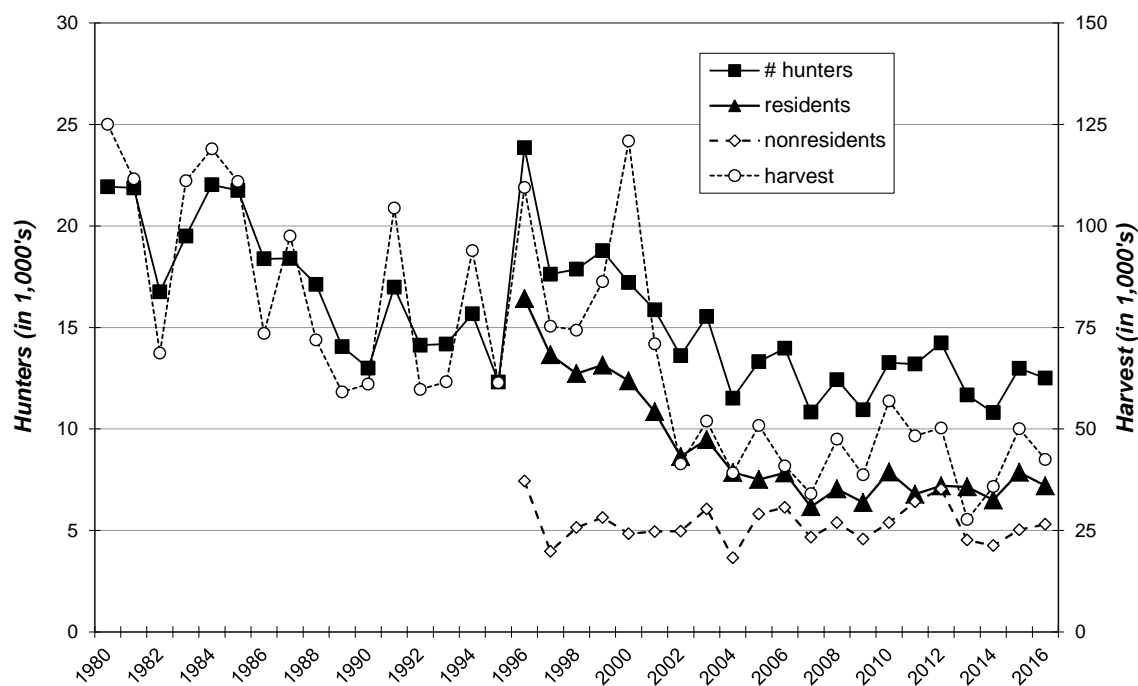
PRAIRIE GROUSE HARVEST PROJECTIONS FOR 2016

Revised: 18 May 2017

| | RESIDENT TOTALS BY LICENSE TYPE | | | | | | NONRESIDENT TOTALS | | |
|--|---------------------------------|---------------|--------------|--------------|--------------|---------------|--------------------|---------------|---------------|
| | Small Game | Combo | Senior Combo | Junior Combo | Youth SmGm | Sum Estimates | Nonres Sm Game | Youth Sm Game | Sum Estimates |
| Licenses Sold | 21,164 | 47,929 | 8,434 | 8,164 | 4,850 | 90,541 | 82,959 | 2,446 | 85,405 |
| Projected ACTIVE UPLAND BIRD HUNTERS | 17,352 | 32,031 | 4,994 | 4,248 | 3,800 | 62,425 | 79,380 | 2,209 | 81,589 |
| Number Sampled by Survey | 1,707 | 4,107 | 770 | 659 | 406 | 7,649 | 7,585 | 201 | 7,786 |
| Number Responded to Survey | 855 | 2,463 | 662 | 271 | 231 | 4,482 | 4,897 | 100 | 4,997 |
| % Responded and Participated in Season | 82% | 67% | 59% | 52% | 78% | 68% | 98% | 92% | 98% |
| Responded and Participated in Season | 701 | 1,646 | 392 | 141 | 181 | 3,061 | 4,782 | 92 | 4,874 |
| Responded but DID NOT HUNT | 154 | 817 | 270 | 130 | 50 | 1,421 | 115 | 8 | 123 |
| Survey Response Rate | 50.1% | 60.0% | 86.0% | 41.1% | 56.9% | 58.6% | 64.6% | 49.8% | 64.2% |
| No. Hunters Reporting Prairie Grouse Days | 48 | 245 | 40 | 16 | 12 | 361 | 299 | 10 | 309 |
| Sum Prairie Grouse Hunted Days | 202 | 1,253 | 197 | 57 | 53 | 1,762 | 1,215 | 34 | 1,249 |
| Average Days Hunted Prairie Grouse | 4.21 | 5.11 | 4.93 | 3.56 | 4.42 | 4.88 | 4.06 | 3.40 | 4.04 |
| Sum Prairie Grouse Bagged | 124 | 1,177 | 148 | 89 | 51 | 1,589 | 663 | 12 | 675 |
| Average Season Prairie Grouse Bag | 2.58 | 4.80 | 3.70 | 5.56 | 4.25 | 4.40 | 2.22 | 1.20 | 2.18 |
| Projected Days Prairie Grouse Hunting | 5,000 | 24,383 | 2,510 | 1,717 | 1,113 | 34,723 | 20,169 | 816 | 20,985 |
| Projected No. Prairie Grouse Hunters | 1,188 | 4,768 | 510 | 482 | 252 | 7,199 | 4,963 | 240 | 5,203 |
| Projected Prairie Grouse Bag | 3,069 | 22,904 | 1,886 | 2,681 | 1,071 | 31,611 | 11,006 | 288 | 11,294 |
| TOTAL PRAIRIE GROUSE HARVEST = | | | | | | | 42,905 | | |
| Upland Bird Hunters Mean Satisfaction Score * | 4.75 | 4.72 | 4.57 | 4.78 | 4.89 | 4.72 | 5.44 | 5.21 | 5.43 |

* Based on scale of 1-7 with 1="very dissatisfied" and 7="very satisfied"

PRAIRIE GROUSE HUNTERS & HARVEST 1980-2016



South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Resident Grouse Harvest Distribution by County 2016 | | | | | | | | | | |
|--|---------------------|-------------|------------|-----------------|----------------------|-------------|------------|-----------------|--------------|--|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Pennington | 18 | 359 | 5.2 | 371 | 78 | 1,552 | 5.1 | 1,606 | 4.3 | |
| Brown | 1 | 20 | 0.3 | 21 | 1 | 20 | 0.1 | 21 | 1.0 | |
| Beadle | 2 | 40 | 0.6 | 41 | 1 | 20 | 0.1 | 21 | 0.5 | |
| Codington | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Brookings | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Yankton | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Davison | 1 | 20 | 0.3 | 21 | 6 | 119 | 0.4 | 124 | 6.0 | |
| Lawrence | 2 | 40 | 0.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Aurora | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Bennett | 11 | 219 | 3.2 | 227 | 77 | 1,532 | 5.0 | 1,586 | 7.0 | |
| Bon Homme | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Brule | 3 | 60 | 0.9 | 62 | 9 | 179 | 0.6 | 185 | 3.0 | |
| Buffalo | 4 | 80 | 1.1 | 83 | 5 | 99 | 0.3 | 103 | 1.2 | |
| Butte | 3 | 60 | 0.9 | 62 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Campbell | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Charles Mix | 8 | 160 | 2.3 | 165 | 21 | 418 | 1.4 | 432 | 2.6 | |
| Clark | 1 | 20 | 0.3 | 21 | 1 | 20 | 0.1 | 21 | 1.0 | |
| Clay | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Corson | 10 | 199 | 2.9 | 206 | 40 | 796 | 2.6 | 824 | 4.0 | |
| Custer | 3 | 60 | 0.9 | 62 | 5 | 99 | 0.3 | 103 | 1.7 | |
| Day | 2 | 40 | 0.6 | 41 | 2 | 40 | 0.1 | 41 | 1.0 | |
| Deuel | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Dewey | 9 | 179 | 2.6 | 186 | 27 | 537 | 1.8 | 556 | 3.0 | |
| Douglas | 3 | 60 | 0.9 | 62 | 2 | 40 | 0.1 | 41 | 0.7 | |
| Edmunds | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Fall River | 5 | 100 | 1.4 | 103 | 8 | 159 | 0.5 | 165 | 1.6 | |
| Faulk | 2 | 40 | 0.6 | 41 | 10 | 199 | 0.7 | 206 | 5.0 | |
| Grant | 4 | 80 | 1.1 | 83 | 2 | 40 | 0.1 | 41 | 0.5 | |
| Gregory | 15 | 299 | 4.3 | 309 | 45 | 895 | 2.9 | 927 | 3.0 | |
| Haakon | 13 | 259 | 3.7 | 268 | 51 | 1,015 | 3.3 | 1,050 | 3.9 | |
| Hamlin | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Hand | 4 | 80 | 1.1 | 83 | 18 | 358 | 1.2 | 371 | 4.5 | |
| Hanson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Harding | 14 | 279 | 4.0 | 289 | 42 | 836 | 2.7 | 865 | 3.0 | |
| Hughes | 11 | 219 | 3.2 | 227 | 41 | 816 | 2.7 | 844 | 3.7 | |
| Hutchinson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Hyde | 2 | 40 | 0.6 | 41 | 6 | 119 | 0.4 | 124 | 3.0 | |
| Jackson | 2 | 40 | 0.6 | 41 | 5 | 99 | 0.3 | 103 | 2.5 | |
| Jerauld | 2 | 40 | 0.6 | 41 | 2 | 40 | 0.1 | 41 | 1.0 | |
| Jones | 7 | 140 | 2.0 | 144 | 46 | 915 | 3.0 | 947 | 6.6 | |
| Kingsbury | 2 | 40 | 0.6 | 41 | 12 | 239 | 0.8 | 247 | 6.0 | |
| Lake | 3 | 60 | 0.9 | 62 | 13 | 259 | 0.8 | 268 | 4.3 | |
| Lincoln | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Lyman | 12 | 239 | 3.4 | 248 | 54 | 1,074 | 3.5 | 1,112 | 4.5 | |
| McCook | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| McPherson | 3 | 60 | 0.9 | 62 | 10 | 199 | 0.7 | 206 | 3.3 | |
| Marshall | 3 | 60 | 0.9 | 62 | 4 | 80 | 0.3 | 82 | 1.3 | |
| Meade | 29 | 578 | 8.3 | 598 | 196 | 3,899 | 12.8 | 4,036 | 6.7 | |
| Mellette | 13 | 259 | 3.7 | 268 | 71 | 1,412 | 4.6 | 1,462 | 5.4 | |
| Miner | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Moody | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Perkins | 40 | 798 | 11.5 | 825 | 262 | 5,212 | 17.1 | 5,395 | 6.5 | |
| Potter | 5 | 100 | 1.4 | 103 | 16 | 318 | 1.0 | 329 | 3.2 | |
| Roberts | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Sanborn | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Spink | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Stanley | 39 | 778 | 11.2 | 805 | 157 | 3,123 | 10.2 | 3,233 | 4.0 | |
| Sully | 8 | 160 | 2.3 | 165 | 77 | 1,532 | 5.0 | 1,586 | 9.6 | |
| Tripp | 9 | 179 | 2.6 | 186 | 29 | 577 | 1.9 | 597 | 3.2 | |
| Turner | 1 | 20 | 0.3 | 21 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Union | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Walworth | 4 | 80 | 1.1 | 83 | 4 | 80 | 0.3 | 82 | 1.0 | |
| Ziebach | 5 | 100 | 1.4 | 103 | 61 | 1,214 | 4.0 | 1,256 | 12.2 | |
| Shannon | 2 | 40 | 0.6 | 41 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Todd | 4 | 80 | 1.1 | 83 | 18 | 358 | 1.2 | 371 | 4.5 | |
| Unknown | 12 | 239 | - | - | 54 | 1,074 | - | - | 4.5 | |
| TOTALS: | 361 | 7,199 | 100.0% | 7,199 | 1,589 | 31,611 | 100% | 31,611 | 4.39 | |
| Last Revised: 27 June 2017 | | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | | |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Nonresident Grouse Harvest Distribution by County 2016 | | | | | | | | | |
|--|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|---------------------|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | |
| Minnehaha | 1 | 17 | 0.3 | 17 | 0 | 0 | 0.0 | 0 | 0.0 |
| Pennington | 2 | 34 | 0.7 | 34 | 3 | 50 | 0.5 | 51 | 1.5 |
| Brown | 3 | 51 | 1.0 | 52 | 6 | 100 | 0.9 | 102 | 2.0 |
| Beadle | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Codington | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Brookings | 1 | 17 | 0.3 | 17 | 0 | 0 | 0.0 | 0 | 0.0 |
| Yankton | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Davison | 1 | 17 | 0.3 | 17 | 0 | 0 | 0.0 | 0 | 0.0 |
| Lawrence | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Aurora | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Bennett | 8 | 135 | 2.6 | 138 | 8 | 134 | 1.2 | 136 | 1.0 |
| Bon Homme | 1 | 17 | 0.3 | 17 | 0 | 0 | 0.0 | 0 | 0.0 |
| Brule | 7 | 118 | 2.3 | 121 | 12 | 201 | 1.8 | 204 | 1.7 |
| Buffalo | 2 | 34 | 0.7 | 34 | 7 | 117 | 1.1 | 119 | 3.5 |
| Butte | 1 | 17 | 0.3 | 17 | 1 | 17 | 0.2 | 17 | 1.0 |
| Campbell | 3 | 51 | 1.0 | 52 | 6 | 100 | 0.9 | 102 | 2.0 |
| Chas Mix | 2 | 34 | 0.7 | 34 | 6 | 100 | 0.9 | 102 | 3.0 |
| Clark | 2 | 34 | 0.7 | 34 | 2 | 33 | 0.3 | 34 | 1.0 |
| Clay | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Corson | 14 | 236 | 4.6 | 241 | 35 | 586 | 5.3 | 595 | 2.5 |
| Custer | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Day | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Deuel | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Dewey | 29 | 488 | 9.6 | 500 | 66 | 1,104 | 9.9 | 1,123 | 2.3 |
| Douglas | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Edmunds | 3 | 51 | 1.0 | 52 | 1 | 17 | 0.2 | 17 | 0.3 |
| Fall River | 2 | 34 | 0.7 | 34 | 0 | 0 | 0.0 | 0 | 0.0 |
| Faulk | 2 | 34 | 0.7 | 34 | 3 | 50 | 0.5 | 51 | 1.5 |
| Grant | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Gregory | 9 | 152 | 3.0 | 155 | 4 | 67 | 0.6 | 68 | 0.4 |
| Haakon | 7 | 118 | 2.3 | 121 | 9 | 151 | 1.4 | 153 | 1.3 |
| Hamlin | 1 | 17 | 0.3 | 17 | 6 | 100 | 0.9 | 102 | 6.0 |
| Hand | 10 | 168 | 3.3 | 172 | 10 | 167 | 1.5 | 170 | 1.0 |
| Hanson | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Harding | 2 | 34 | 0.7 | 34 | 13 | 218 | 2.0 | 221 | 6.5 |
| Hughes | 14 | 236 | 4.6 | 241 | 20 | 335 | 3.0 | 340 | 1.4 |
| Hutchinson | 1 | 17 | 0.3 | 17 | 0 | 0 | 0.0 | 0 | 0.0 |
| Hyde | 6 | 101 | 2.0 | 103 | 9 | 151 | 1.4 | 153 | 1.5 |
| Jackson | 3 | 51 | 1.0 | 52 | 12 | 201 | 1.8 | 204 | 4.0 |
| Jerauld | 3 | 51 | 1.0 | 52 | 4 | 67 | 0.6 | 68 | 1.3 |
| Jones | 17 | 286 | 5.6 | 293 | 47 | 786 | 7.1 | 799 | 2.7 |
| Kingsbury | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Lake | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Lincoln | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Lyman | 32 | 539 | 10.6 | 551 | 56 | 937 | 8.4 | 952 | 1.7 |
| McCook | 1 | 17 | 0.3 | 17 | 4 | 67 | 0.6 | 68 | 4.0 |
| McPherson | 5 | 84 | 1.7 | 86 | 11 | 184 | 1.7 | 187 | 2.2 |
| Marshall | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Meade | 2 | 34 | 0.7 | 34 | 4 | 67 | 0.6 | 68 | 2.0 |
| Mellette | 7 | 118 | 2.3 | 121 | 11 | 184 | 1.7 | 187 | 1.6 |
| Miner | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Moody | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Perkins | 18 | 303 | 6.0 | 310 | 67 | 1,121 | 10.1 | 1,140 | 3.7 |
| Potter | 6 | 101 | 2.0 | 103 | 14 | 234 | 2.1 | 238 | 2.3 |
| Roberts | 1 | 17 | 0.3 | 17 | 1 | 17 | 0.2 | 17 | 1.0 |
| Sanborn | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Spink | 2 | 34 | 0.7 | 34 | 2 | 33 | 0.3 | 34 | 1.0 |
| Stanley | 26 | 438 | 8.6 | 448 | 79 | 1,322 | 11.9 | 1,344 | 3.0 |
| Sully | 8 | 135 | 2.6 | 138 | 2 | 33 | 0.3 | 34 | 0.2 |
| Tripp | 18 | 303 | 6.0 | 310 | 44 | 736 | 6.6 | 748 | 2.4 |
| Turner | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Union | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Walworth | 7 | 118 | 2.3 | 121 | 9 | 151 | 1.4 | 153 | 1.3 |
| Ziebach | 7 | 118 | 2.3 | 121 | 34 | 569 | 5.1 | 578 | 4.8 |
| Shannon | 1 | 17 | 0.3 | 17 | 1 | 17 | 0.2 | 17 | 1.0 |
| Todd | 4 | 67 | 1.3 | 69 | 35 | 586 | 5.3 | 595 | 8.7 |
| Unknown | 7 | 118 | - | - | 11 | 184 | - | - | 1.6 |
| TOTALS: | 309 | 5,203 | 100% | 5,203 | 675 | 11,294 | 100% | 11,294 | 2.17 |
| Last Revised: 27 June 2017 | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | |

SAGE GROUSE

The 2016 sage grouse season was open September 17-18 on public lands in Butte County west of US Hwy 85 and all public lands in Harding County. To hunt sage grouse, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses in addition to successfully drawing one of 40 sage grouse access permits.

Harvest surveys were sent to all hunters and 38 responded for a 95% return rate. Ten birds were reported harvested through hunter check-ins and also through the harvest survey for a 25% success for all license holders. The average days hunted by all license holders was 1.18 for a total of 45 days of recreation. Approximately 28 license holders spent time hunting sage grouse.

Comparison of the 2007-2016 Sage Grouse harvests

| Year | # of Hunters | Total Harvest | Harvest by County | | Harvest by Age & Sex | | | |
|---------|--------------|---------------|-------------------|---------|----------------------|-------------------|------------|--------------|
| | | | Butte | Harding | Hatch Year Male | Hatch Year Female | Adult Male | Adult Female |
| 2007 | 25 | 10 | 2 | 8 | 5 | 2 | 3 | 0 |
| 2008 | 24 | 17 | 5 | 12 | 3 | 5 | 6 | 3 |
| 2009 | 20 | 7 | 3 | 4 | 2 | 3 | 0 | 2 |
| 2010 | 26 | 12 | 9 | 3 | 1 | 0 | 6 | 5 |
| 2011 | 27 | 11 | 6 | 5 | 3 | 2 | 3 | 3 |
| 2012 | 35 | 9 | 2 | 7 | 0 | 0 | 3 | 6 |
| 2013-15 | No Season | | | | | | | |
| 2016 | 28 | 10 | 1 | 9 | 3 | 4 | 1 | 2 |

2016 Sage Grouse Harvest Projections

Last Revised:
30-Mar-2017

| Unit/Type | Resident Licenses | | | Response | | Adults | | Hatch Year | | Total Harvest | Ave. Days Hunted | Ave. Satisfaction |
|-----------|-------------------|-----------|------|----------|---------|--------|---------|------------|---------|---------------|------------------|-------------------|
| | Applic | Available | Sold | Rate | Success | Males | Females | Males | Females | | | |
| SG1-61 | 156 | 40 | 40 | 95.0% | 26% | 1 | 2 | 3 | 4 | 11 | 1.18 | 5.41 |

Satisfaction is based on scale with 1=very dissatisfied and 7=very satisfied.

MOURNING DOVE

The 2016 mourning dove season was open 1 September -9 November statewide. The daily limit was 15 birds, possession 30. To hunt doves, residents were required to hold a small game, 1-day small game, adult, senior or junior combination, or youth small game license; nonresidents were required to obtain a nonresident small game or nonresident youth small game license. All hunters were also required to purchase a Migratory Bird Certificate.

In 2016, 27,346 resident and 85,405 nonresident licenses were issued to hunt doves. Approximately 21% of resident migratory bird hunters and 9% of nonresident small game hunters were surveyed for the mourning dove season. Survey response rates were 61% for residents and 64% for nonresidents.

Based on survey responses indicating at least one day of hunting doves, there were an estimated 7,449 active dove hunters. The five counties with the highest projected dove harvest were Hughes, Charles Mix, Brown, Minnehaha, and Yankton.

An estimated total of 126,477 doves were harvested during the 2016 season. When asked their satisfaction on the season, (1 being least, 7 being most satisfied), resident dove hunters reported an average satisfaction rating of 4.89, nonresidents 5.59.

Summary comparison of the 2007 - 2016 mourning dove seasons

| Year | Residents | | | | | Nonresidents | | | | |
|------|----------------|---------|----------------|---------|--------------|----------------|---------|----------------|---------|--------------|
| | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2007 | 7,722 | 125,174 | 4.19 | 16.21 | 4.98 | 439 | 10,694 | 3.86 | 24.36 | 5.79 |
| 2008 | 7,346 | 125,102 | 4.39 | 17.03 | 5.01 | 373 | 7,050 | 3.40 | 18.90 | 6.00 |
| 2009 | 6,892 | 114,821 | 4.34 | 16.66 | 4.93 | 285 | 6,698 | 4.44 | 23.50 | 5.81 |
| 2010 | 6,035 | 93,361 | 4.15 | 15.47 | 5.13 | 258 | 4,267 | 4.23 | 16.54 | 6.38 |
| 2011 | 6,112 | 82,291 | 3.50 | 13.46 | 5.27 | 332 | 6,563 | 3.65 | 19.79 | 5.41 |
| 2012 | 5,984 | 88,036 | 4.16 | 14.71 | 4.99 | 366 | 7,071 | 3.19 | 19.78 | 5.78 |
| 2013 | 6,752 | 113,367 | 4.56 | 16.79 | 5.06 | 210 | 2,061 | 2.67 | 9.80 | 5.27 |
| 2014 | 8,345 | 167,407 | 4.67 | 20.06 | 5.05 | 316 | 3,991 | 2.95 | 12.62 | 5.71 |
| 2015 | 7,255 | 127,217 | 4.66 | 17.53 | 5.07 | 396 | 7,705 | 3.29 | 19.46 | 5.83 |
| 2016 | 7,131 | 122,876 | 4.19 | 17.23 | 4.89 | 318 | 3,601 | 2.79 | 11.32 | 5.59 |

MOURNING DOVE HARVEST PROJECTIONS FOR 2016

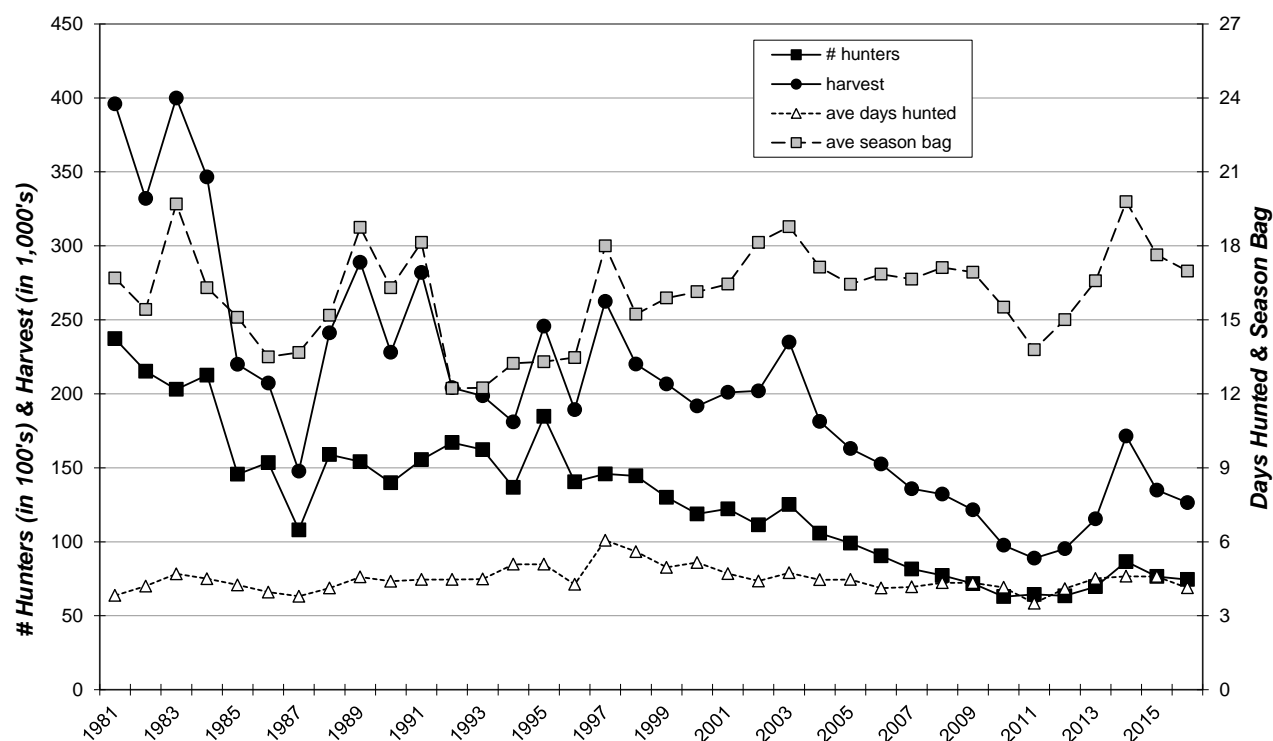
Last Revised: 14 June 2017

| | Resident | Non Resident |
|--|----------------|----------------|
| Licenses Sold * | 27,346 | 85,405 |
| Unique License Holders | 27,332 | 83,690 |
| Projected ACTIVE MOURNING DOVE HUNTERS | 7,131 | 318 |
| Number Sampled by Survey | 5,824 | 7,786 |
| Number Responded to Survey | 3,555 | 4,997 |
| Responded and Participated in Season | 927 | 19 |
| Responded but DID NOT HUNT | 2,628 | 4,978 |
| Survey Response Rate | 61.0% | 64.2% |
| No. Hunters Reporting Dove Days | 927 | 19 |
| Total Reported Dove Hunted Days | 3,887 | 53 |
| Average Days Hunted Doves | 4.19 | 2.79 |
| Total Reported Doves Bagged | 15,974 | 215 |
| Average Dove Bag for Season | 17.23 | 11.32 |
| Projected Days Dove Hunting | 29,900 | 888 |
| Projected No. Dove Hunters | 7,131 | 318 |
| Projected Dove Bag | 122,876 | 3,601 |
| Avg Days Hunted | | 4.13 |
| TOTAL DOVE HARVEST = | | 126,477 |
| Dove Hunter Mean Satisfaction Score *1* | 4.89 | 5.59 |

* Nonresident number represents total number of small game licenses sold.

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied.

STATEWIDE MOURNING DOVE HARVEST, 1981-2016



South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Mourning Dove Harvest Distribution by County 2016 | | | | | | | | | |
|--|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | |
| Minnehaha | 75 | 591 | 8.2 | 614 | 998 | 7,797 | 6.3 | 8,007 | 13.2 |
| Pennington | 39 | 307 | 4.3 | 319 | 646 | 5,047 | 4.1 | 5,183 | 16.4 |
| Brown | 35 | 276 | 3.8 | 286 | 768 | 6,000 | 4.9 | 6,161 | 21.8 |
| Beadle | 13 | 102 | 1.4 | 106 | 152 | 1,188 | 1.0 | 1,219 | 11.6 |
| Codington | 29 | 228 | 3.2 | 237 | 307 | 2,398 | 1.9 | 2,463 | 10.5 |
| Brookings | 29 | 228 | 3.2 | 237 | 415 | 3,242 | 2.6 | 3,329 | 14.2 |
| Yankton | 27 | 213 | 3.0 | 221 | 682 | 5,328 | 4.3 | 5,471 | 25.1 |
| Davison | 26 | 205 | 2.9 | 213 | 582 | 4,547 | 3.7 | 4,669 | 22.2 |
| Lawrence | 3 | 24 | 0.3 | 25 | 89 | 695 | 0.6 | 714 | 29.4 |
| Aurora | 11 | 87 | 1.2 | 90 | 329 | 2,570 | 2.1 | 2,639 | 29.7 |
| Bennett | 5 | 39 | 0.5 | 41 | 86 | 672 | 0.5 | 690 | 17.1 |
| Bon Homme | 11 | 87 | 1.2 | 90 | 186 | 1,453 | 1.2 | 1,492 | 16.8 |
| Brule | 16 | 126 | 1.8 | 131 | 429 | 3,352 | 2.7 | 3,442 | 26.6 |
| Buffalo | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Butte | 4 | 31 | 0.4 | 33 | 45 | 352 | 0.3 | 361 | 11.2 |
| Campbell | 2 | 16 | 0.2 | 16 | 15 | 117 | 0.1 | 120 | 7.4 |
| Charles Mix | 47 | 370 | 5.2 | 385 | 921 | 7,195 | 5.8 | 7,389 | 19.4 |
| Clark | 12 | 94 | 1.3 | 98 | 122 | 953 | 0.8 | 979 | 10.1 |
| Clay | 8 | 63 | 0.9 | 65 | 50 | 391 | 0.3 | 401 | 6.2 |
| Corson | 4 | 31 | 0.4 | 33 | 38 | 297 | 0.2 | 305 | 9.4 |
| Custer | 5 | 39 | 0.5 | 41 | 115 | 898 | 0.7 | 923 | 22.8 |
| Day | 13 | 102 | 1.4 | 106 | 145 | 1,133 | 0.9 | 1,163 | 11.1 |
| Deuel | 12 | 94 | 1.3 | 98 | 118 | 922 | 0.7 | 947 | 9.8 |
| Dewey | 2 | 16 | 0.2 | 16 | 39 | 305 | 0.2 | 313 | 19.3 |
| Douglas | 11 | 87 | 1.2 | 90 | 113 | 883 | 0.7 | 907 | 10.2 |
| Edmunds | 11 | 87 | 1.2 | 90 | 245 | 1,914 | 1.6 | 1,966 | 22.1 |
| Fall River | 12 | 94 | 1.3 | 98 | 132 | 1,031 | 0.8 | 1,059 | 10.9 |
| Faulk | 2 | 16 | 0.2 | 16 | 75 | 586 | 0.5 | 602 | 37.2 |
| Grant | 9 | 71 | 1.0 | 74 | 156 | 1,219 | 1.0 | 1,252 | 17.2 |
| Gregory | 6 | 47 | 0.7 | 49 | 103 | 805 | 0.7 | 826 | 17.0 |
| Haakon | 5 | 39 | 0.5 | 41 | 34 | 266 | 0.2 | 273 | 6.7 |
| Hamlin | 15 | 118 | 1.6 | 123 | 134 | 1,047 | 0.8 | 1,075 | 8.9 |
| Hand | 3 | 24 | 0.3 | 25 | 130 | 1,016 | 0.8 | 1,043 | 43.0 |
| Hanson | 13 | 102 | 1.4 | 106 | 235 | 1,836 | 1.5 | 1,885 | 17.9 |
| Harding | 4 | 31 | 0.4 | 33 | 19 | 148 | 0.1 | 152 | 4.7 |
| Hughes | 73 | 575 | 8.0 | 598 | 1,991 | 15,555 | 12.6 | 15,973 | 27.1 |
| Hutchinson | 13 | 102 | 1.4 | 106 | 190 | 1,484 | 1.2 | 1,524 | 14.5 |
| Hyde | 4 | 31 | 0.4 | 33 | 51 | 398 | 0.3 | 409 | 12.7 |
| Jackson | 10 | 79 | 1.1 | 82 | 176 | 1,375 | 1.1 | 1,412 | 17.5 |
| Jerauld | 6 | 47 | 0.7 | 49 | 51 | 398 | 0.3 | 409 | 8.4 |
| Jones | 7 | 55 | 0.8 | 57 | 170 | 1,328 | 1.1 | 1,364 | 24.1 |
| Kingsbury | 6 | 47 | 0.7 | 49 | 76 | 594 | 0.5 | 610 | 12.6 |
| Lake | 13 | 102 | 1.4 | 106 | 87 | 680 | 0.6 | 698 | 6.6 |
| Lincoln | 30 | 236 | 3.3 | 246 | 403 | 3,148 | 2.6 | 3,233 | 13.3 |
| Lyman | 17 | 134 | 1.9 | 139 | 521 | 4,070 | 3.3 | 4,180 | 30.4 |
| McCook | 22 | 173 | 2.4 | 180 | 223 | 1,742 | 1.4 | 1,789 | 10.1 |
| McPherson | 2 | 16 | 0.2 | 16 | 15 | 117 | 0.1 | 120 | 7.4 |
| Marshall | 5 | 39 | 0.5 | 41 | 44 | 344 | 0.3 | 353 | 8.7 |
| Meade | 16 | 126 | 1.8 | 131 | 328 | 2,563 | 2.1 | 2,631 | 20.3 |
| Mellette | 3 | 24 | 0.3 | 25 | 90 | 703 | 0.6 | 722 | 29.8 |
| Miner | 9 | 71 | 1.0 | 74 | 239 | 1,867 | 1.5 | 1,917 | 26.3 |
| Moody | 14 | 110 | 1.5 | 115 | 113 | 883 | 0.7 | 907 | 8.0 |
| Perkins | 4 | 31 | 0.4 | 33 | 92 | 719 | 0.6 | 738 | 22.8 |
| Potter | 5 | 39 | 0.5 | 41 | 75 | 586 | 0.5 | 602 | 14.9 |
| Roberts | 12 | 94 | 1.3 | 98 | 145 | 1,133 | 0.9 | 1,163 | 12.0 |
| Sanborn | 10 | 79 | 1.1 | 82 | 176 | 1,375 | 1.1 | 1,412 | 17.5 |
| Spink | 16 | 126 | 1.8 | 131 | 313 | 2,445 | 2.0 | 2,511 | 19.4 |
| Stanley | 20 | 157 | 2.2 | 164 | 446 | 3,484 | 2.8 | 3,578 | 22.1 |
| Sully | 20 | 157 | 2.2 | 164 | 372 | 2,906 | 2.4 | 2,984 | 18.5 |
| Tripp | 11 | 87 | 1.2 | 90 | 138 | 1,078 | 0.9 | 1,107 | 12.4 |
| Turner | 14 | 110 | 1.5 | 115 | 158 | 1,234 | 1.0 | 1,268 | 11.2 |
| Union | 18 | 142 | 2.0 | 147 | 268 | 2,094 | 1.7 | 2,150 | 14.8 |
| Walworth | 7 | 55 | 0.8 | 57 | 95 | 742 | 0.6 | 762 | 13.5 |
| Ziebach | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Shannon | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Todd | 4 | 31 | 0.4 | 33 | 66 | 516 | 0.4 | 529 | 16.4 |
| Unk/Unreported | 36 | 283 | - | - | 424 | 3,313 | - | - | 11.7 |
| TOTALS: | 946 | 7,449 | 100% | 7,449 | 16,189 | 126,477 | 100% | 126,477 | 16.98 |
| Last Revised: 14 June 2017 | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | |

WATERFOWL

In 2016, there were an estimated 16,461 active resident migratory bird hunters in South Dakota, of which 13,770 were active waterfowl hunters. There were also an estimated 4,254 nonresidents that participated in waterfowl hunting. A random sample of approximately 21% of the resident migratory bird certificate holders and 55% of the nonresident waterfowl license holders were surveyed. Nonresident youth license holders were not surveyed. The survey response rates were 61% for residents and 73% for nonresidents.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), waterfowl hunters reported an overall average rating of 4.86 for residents, and 4.79 for nonresidents.

Summary comparison of the 2007 - 2016 waterfowl seasons

| Year | Residents | | | | Nonresidents | | |
|------|-------------------------|--------------------------|----------------------|--------------|--------------------------|----------------------|--------------|
| | Active Mig Bird Hunters | Active Waterfowl Hunters | Survey Response Rate | Satisfaction | Active Waterfowl Hunters | Survey Response Rate | Satisfaction |
| 2007 | 21,101 | 18,758 | 73% | 4.83 | 4,338 | 82% | 5.05 |
| 2008 | 19,894 | 17,751 | 69% | 4.97 | 4,488 | 79% | 5.17 |
| 2009 | 19,752 | 17,558 | 75% | 4.87 | 4,300 | 83% | 5.38 |
| 2010 | 19,436 | 17,652 | 69% | 5.14 | 4,420 | 74% | 5.50 |
| 2011 | 18,836 | 17,085 | 52% | 5.27 | 4,326 | 80% | 5.50 |
| 2012 | 18,553 | 16,725 | 56% | 5.16 | 4,287 | 74% | 5.30 |
| 2013 | 18,751 | 16,698 | 66% | 5.04 | 4,142 | 80% | 5.31 |
| 2014 | 19,643 | 16,921 | 68% | 4.92 | 3,798 | 80% | 5.17 |
| 2015 | 17,231 | 14,579 | 64% | 4.84 | 4,195 | 78% | 4.91 |
| 2016 | 16,461 | 13,770 | 61% | 4.86 | 4,254 | 73% | 4.79 |

| WATERFOWL HUNTING SUMMARY FOR 2016 | | | | | | | | |
|---|----------------------------|-------|-------|-------|-------|-----|-----------|----------|
| Revised: 1 June 2017 | | | | | | | | |
| | NONRESIDENT TOTALS BY UNIT | | | | | | Sum | Resident |
| | 00A | 00B | 11A | 00X | 00Y | YW1 | Estimates | Total |
| Licenses Sold | 249 | 3,720 | 20 | 648 | 499 | 25 | 5,161 | 27,346 |
| Projected ACTIVE MIGRATORY BIRD HUNTERS | 210 | 3,092 | 12 | 495 | 420 | 25 | 4,254 | 16,461 |
| Unique Licenseholders | 249 | 3,720 | 20 | 615 | 499 | 25 | 5,128 | 27,332 |
| Number Sampled by Survey | 242 | 1,976 | 20 | 562 | 486 | 0 | 2,800 | 5,824 |
| Number Responded to Survey | 166 | 1,517 | 12 | 360 | 346 | 0 | 2,055 | 3,555 |
| % Responded and Participated in Season | 84% | 83% | 58% | 81% | 84% | | 83% | 60% |
| Responded and Participated in Season | 140 | 1,261 | 7 | 290 | 291 | | 1,698 | 2,140 |
| Responded but DID NOT HUNT | 26 | 256 | 5 | 70 | 55 | | 357 | 1,415 |
| Survey Response Rate | 68.6% | 76.8% | 60.0% | 64.1% | 71.2% | | 73.4% | 61.0% |
| No. Hunters Reporting Goose or Duck Days | 140 | 1261 | 7 | 290 | 291 | | 1,989 | 1,791 |
| Projected Waterfowl Hunters - Ducks and Geese | 210 | 3,092 | 12 | 495 | 420 | 25 | 4,254 | 13,770 |
| TOTAL WATERFOWL HUNTERS = | | | | | | | | 18,024 |
| All Waterfowl Hunter Mean Satisfaction Score *1* | 4.47 | 4.75 | 6.00 | 4.64 | 5.19 | | 4.79 | 4.86 |
| *1* Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied | | | | | | | | |

TUNDRA SWAN

The 2016 tundra swan season was open from October 1 - December 18 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Residents and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, senior, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2016, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 1,083 licenses were sold (938 residents, 145 nonresidents) and 129 hunters purchased two licenses each. A random sample of 499 swan hunters was surveyed and the response rate was 77%. Approximately 68% of hunters that responded did so over the Internet.

From the survey responses, there were a projected 82 swans harvested (not including cripples) during the 2016 season. An estimated 9 swans were crippled and not recovered. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average rating of 4.81. From those who responded, 39% indicated they did not hunt for swans (some hunters indicated they just purchased the license in case they happened to see a swan while hunting other waterfowl). The average days hunted by all license holders (2.96 days) projected to a total of 2,824 recreation days for the season.

The 4 counties with the highest reported swan harvests were Brown, McPherson, Clark, and Day.

Comparison of the 2007 – 2016 Tundra Swan seasons

| Year | Licenses Sold | | | Harvest (w/o cripples) | Avg Days Hunted | Percent Success | Average Satisfaction |
|------|---------------|--------|-------|---------------------------|--------------------|--------------------|-------------------------|
| | Resident | Nonres | Total | | | | |
| 2007 | 783 | 281 | 1,064 | 144 | 3.67 | 14% | 4.66 |
| 2008 | 758 | 200 | 958 | 220 | 3.68 | 23% | 5.12 |
| 2009 | 1,034 | 208 | 1,242 | 297 | 3.72 | 24% | 5.02 |
| 2010 | 991 | 243 | 1,234 | 191 | 2.77 | 15% | 4.79 |
| 2011 | 978 | 178 | 1,156 | 261 | 2.94 | 23% | 5.05 |
| 2012 | 1,064 | 202 | 1,266 | 157 | 2.85 | 12% | 4.97 |
| 2013 | 1,081 | 178 | 1,259 | 306 | 3.01 | 24% | 5.31 |
| 2014 | 1,018 | 198 | 1,216 | 280 | 3.27 | 23% | 5.11 |
| 2015 | 1,088 | 211 | 1,299 | 229 | 3.07 | 18% | 5.09 |
| 2016 | 938 | 145 | 1,083 | 82 | 2.96 | 8% | 4.81 |

2016 Tundra Swan Harvest Projections

| Unit/Type | | Licenses | | | | | | | | | | | | | | Harvest Projections | | | | Ave. Days Hunted | Ave. Satisfaction |
|-----------|--|-------------------|-----------|------|--|-------------------|-----------|------|---------|----------|-------------|---|----|---|---|---------------------|------|------|--|------------------|-------------------|
| | | Resident | | | | Nonresident | | | | Response | | | | | | | | | | | |
| | | App. 1st Choice * | Available | Sold | | App. 1st Choice * | Available | Sold | Hunters | Rate | Tag Success | | | | | | | | | | |
| 00A-81 | | 418 | 1,100 | 938 | | 98 | 200 | 145 | 954 | 76.6% | 8% | 9 | 82 | 0 | 0 | 82 | 2.96 | 4.81 | | | |

* Number of 1st drawing applicants with that season as 1st choice.

** Cripple estimate not included in Total Harvest Estimate.

Satisfaction is based on scale with 1=very dissatisfied and 7=very satisfied.

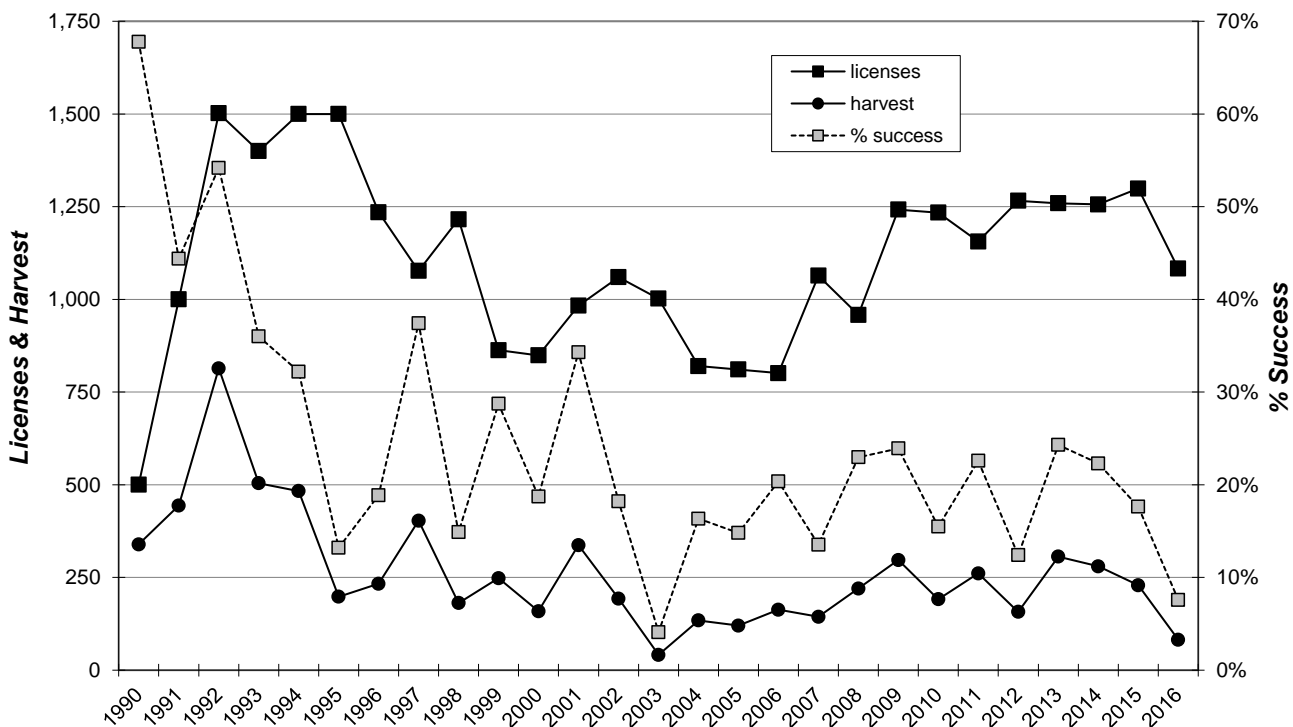
Tundra Swan Harvest Distribution by County 2016

| COUNTY | HARVEST DISTRIBUTION | | | |
|----------------|----------------------|-------------|-------------|-----------------|
| | # Reported | # Projected | % of Total | # Proj w/ Unk * |
| Brown | 6 | 15 | 20.0 | 16 |
| Beadle | 0 | 0 | 0.0 | 0 |
| Codington | 1 | 2 | 3.3 | 3 |
| Brookings | 0 | 0 | 0.0 | 0 |
| Campbell | 1 | 2 | 3.3 | 3 |
| Clark | 4 | 10 | 13.3 | 11 |
| Day | 2 | 5 | 6.7 | 5 |
| Deuel | 0 | 0 | 0.0 | 0 |
| Edmunds | 0 | 0 | 0.0 | 0 |
| Faulk | 0 | 0 | 0.0 | 0 |
| Grant | 1 | 2 | 3.3 | 3 |
| Hamlin | 0 | 0 | 0.0 | 0 |
| Hyde | 0 | 0 | 0.0 | 0 |
| Kingsbury | 0 | 0 | 0.0 | 0 |
| Lake | 0 | 0 | 0.0 | 0 |
| McPherson | 13 | 32 | 43.3 | 36 |
| Marshall | 1 | 2 | 3.3 | 3 |
| Potter | 0 | 0 | 0.0 | 0 |
| Roberts | 1 | 2 | 3.3 | 3 |
| Spink | 0 | 0 | 0.0 | 0 |
| Walworth | 0 | 0 | 0.0 | 0 |
| Unk/Unreported | 3 | 7 | - | - |
| TOTALS: | 33 | 82 | 100% | 82 |

Last Revised: 30 March 2017

* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.

TUNDRA SWAN HARVEST, 1990-2016



DUCKS (all species)

The 2016 duck season was open 24 September 2016 - 12 January 2017 statewide, although some units/zones may have opened later and/or closed sooner. A special Youth Waterfowl season was open 17-18 September for youth that had not reached age 16 by the first day of the season. The daily bag was 6 ducks, which could include no more than 5 mallards (up to 2 hens), 3 scaup, 2 redheads, 3 wood ducks, 2 canvasbacks, or 2 pintails. Hunters could also harvest 2 bonus blue-winged teal daily during the first 16 days of the season. The daily limit on mergansers was 5, which could include no more than 2 hooded mergansers, and the daily limit on coots was 15. The possession limit was three times the daily bag for each species. To hunt ducks, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2016, there were an estimated 14,365 hunters who hunted at least one day for ducks (10,533 residents, 3,832 nonresidents). From the survey responses, there were a projected total of 185,105 ducks harvested (153,749 by residents, 41,356 by nonresidents). Nonresidents reported harvesting 10% of their ducks within 20 miles of the Missouri River. Average bag for residents was 13.65, and for nonresidents ranged from 4.4 in unit 00X to 12.69 in unit 00A.

The five counties with the highest reported resident hunter numbers were Day, Clark, Brown, Kingsbury, and Hamlin. The five counties with the highest reported unit 00B nonresident hunter numbers were Day, Brown, Clark, Marshall, and Roberts.

When asked their satisfaction on the season, (1 being most dissatisfied, 7 being most satisfied), duck hunters reported an average satisfaction rating of 4.81 for residents and 4.75 for nonresidents.

The average days hunted by all hunters (7.18 residents, 4.70 nonresidents) projected to a total of 93,676 recreation days for the season.

Comparison of the 2011 - 2016 duck season statistics

| Year | Resident Hunters | | | | | Nonresident Hunters | | | | |
|------|------------------|---------|----------------|---------|--------------|---------------------|---------|----------------|---------|--------------|
| | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2011 | 13,394 | 213,642 | 7.34 | 15.95 | 5.34 | 4,132 | 51,098 | 4.58 | 12.37 | 5.51 |
| 2012 | 12,797 | 186,398 | 7.46 | 14.57 | 5.19 | 3,961 | 47,210 | 4.75 | 11.92 | 5.27 |
| 2013 | 13,456 | 195,935 | 7.41 | 14.56 | 5.09 | 3,842 | 47,873 | 4.53 | 12.46 | 5.31 |
| 2014 | 13,471 | 179,674 | 7.12 | 13.34 | 4.95 | 3,565 | 42,307 | 4.44 | 11.87 | 5.16 |
| 2015 | 11,994 | 169,183 | 7.22 | 14.11 | 4.87 | 3,937 | 44,562 | 4.54 | 11.32 | 4.90 |
| 2016 | 10,533 | 143,749 | 7.18 | 13.65 | 4.81 | 3,832 | 41,356 | 4.70 | 10.79 | 4.75 |

DUCK HARVEST PROJECTIONS FOR 2016

Revised: 1 June 2017

| | NONRESIDENT TOTALS BY UNIT | | | | | | Sum | Resident Total |
|---|----------------------------|---------------|-------------|--------------|--------------|-----|---------------|----------------|
| | 00A | 00B | 11A | 00X | 00Y | YW1 | Estimates | |
| No. Hunters Reporting Duck Days | 133 | 1,158 | 4 | 216 | 289 | | 1,800 | 1,370 |
| Total Reported Duck Hunted Days | 1,158 | 5,743 | 15 | 580 | 823 | | 8,319 | 9,840 |
| Average Days Hunted Ducks | 8.71 | 4.96 | 3.75 | 2.69 | 2.85 | | 4.70 | 7.18 |
| Total Reported Ducks Bagged | 1,688 | 13,769 | 22 | 954 | 2,353 | | 18,786 | 18,697 |
| Average Duck Bag for Season | 12.69 | 11.89 | 5.50 | 4.42 | 8.14 | | 10.79 | 13.65 |
| Projected Days Duck Hunting | 1,737 | 14,083 | 25 | 991 | 1,187 | | 18,023 | 75,653 |
| Projected No. Duck Hunters | 200 | 2,840 | 7 | 369 | 417 | | 3,832 | 10,533 |
| Projected Duck Bag | 2,532 | 33,764 | 37 | 1,630 | 3,393 | | 41,356 | 143,749 |
| Duck Harvest Reported Within 20 Miles of Missouri River | 1,527 | 490 | 0 | 283 | 0 | | 2,300 | |
| Projected Ducks Bagged w/in 20 miles of Missouri River | 2,291 | 1,202 | 0 | 483 | 0 | | 3,976 | N/A |
| TOTAL DUCK HARVEST = 185,105 | | | | | | | | |
| Duck Hunter Mean Satisfaction Score *1* | 4.44 | 4.74 | 5.75 | 4.33 | 5.20 | | 4.75 | 4.81 |

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied

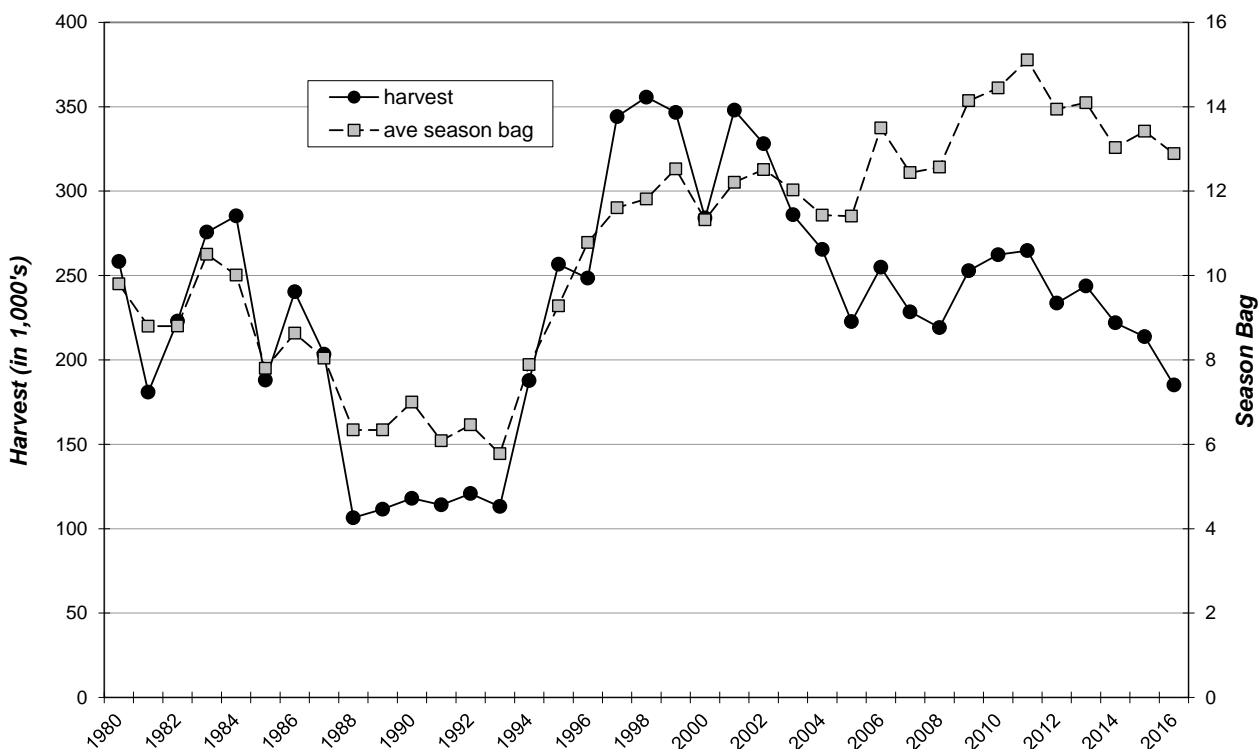
South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Resident Duck Harvest Distribution by County 2016 | | | | | | | | | |
|---|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | |
| Minnehaha | 54 | 415 | 4.2 | 440 | 636 | 4,890 | 3.6 | 5,106 | 11.8 |
| Pennington | 16 | 123 | 1.2 | 130 | 111 | 853 | 0.6 | 891 | 6.9 |
| Brown | 70 | 538 | 5.4 | 571 | 1,055 | 8,111 | 5.9 | 8,470 | 15.1 |
| Beadle | 20 | 154 | 1.5 | 163 | 196 | 1,507 | 1.1 | 1,574 | 9.8 |
| Codington | 52 | 400 | 4.0 | 424 | 577 | 4,436 | 3.2 | 4,633 | 11.1 |
| Brookings | 75 | 577 | 5.8 | 611 | 886 | 6,812 | 4.9 | 7,114 | 11.8 |
| Yankton | 22 | 169 | 1.7 | 179 | 366 | 2,814 | 2.0 | 2,939 | 16.6 |
| Davison | 7 | 54 | 0.5 | 57 | 70 | 538 | 0.4 | 562 | 10.0 |
| Lawrence | 11 | 85 | 0.9 | 90 | 71 | 546 | 0.4 | 570 | 6.5 |
| Aurora | 13 | 100 | 1.0 | 106 | 107 | 823 | 0.6 | 859 | 8.2 |
| Bennett | 7 | 54 | 0.5 | 57 | 40 | 308 | 0.2 | 321 | 5.7 |
| Bon Homme | 17 | 131 | 1.3 | 139 | 175 | 1,345 | 1.0 | 1,405 | 10.3 |
| Brule | 18 | 138 | 1.4 | 147 | 140 | 1,076 | 0.8 | 1,124 | 7.8 |
| Buffalo | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Butte | 18 | 138 | 1.4 | 147 | 214 | 1,645 | 1.2 | 1,718 | 11.9 |
| Campbell | 4 | 31 | 0.3 | 33 | 61 | 469 | 0.3 | 490 | 15.3 |
| Charles Mix | 29 | 223 | 2.2 | 236 | 667 | 5,128 | 3.7 | 5,355 | 23.0 |
| Clark | 73 | 561 | 5.7 | 595 | 1,457 | 11,202 | 8.1 | 11,698 | 20.0 |
| Clay | 4 | 31 | 0.3 | 33 | 40 | 308 | 0.2 | 321 | 10.0 |
| Corson | 1 | 8 | 0.1 | 8 | 0 | 0 | 0.0 | 0 | 0.0 |
| Custer | 1 | 8 | 0.1 | 8 | 2 | 15 | 0.0 | 16 | 2.0 |
| Day | 100 | 769 | 7.7 | 815 | 1,905 | 14,646 | 10.6 | 15,295 | 19.1 |
| Deuel | 21 | 161 | 1.6 | 171 | 429 | 3,298 | 2.4 | 3,444 | 20.4 |
| Dewey | 2 | 15 | 0.2 | 16 | 5 | 38 | 0.0 | 40 | 2.5 |
| Douglas | 8 | 62 | 0.6 | 65 | 156 | 1,199 | 0.9 | 1,253 | 19.5 |
| Edmunds | 26 | 200 | 2.0 | 212 | 341 | 2,622 | 1.9 | 2,738 | 13.1 |
| Fall River | 15 | 115 | 1.2 | 122 | 210 | 1,615 | 1.2 | 1,686 | 14.0 |
| Faulk | 4 | 31 | 0.3 | 33 | 52 | 400 | 0.3 | 418 | 13.0 |
| Grant | 20 | 154 | 1.5 | 163 | 223 | 1,714 | 1.2 | 1,790 | 11.2 |
| Gregory | 1 | 8 | 0.1 | 8 | 10 | 77 | 0.1 | 80 | 10.0 |
| Haakon | 2 | 15 | 0.2 | 16 | 8 | 62 | 0.0 | 64 | 4.0 |
| Hamlin | 54 | 415 | 4.2 | 440 | 1,150 | 8,842 | 6.4 | 9,233 | 21.3 |
| Hand | 7 | 54 | 0.5 | 57 | 58 | 446 | 0.3 | 466 | 8.3 |
| Hanson | 10 | 77 | 0.8 | 82 | 106 | 815 | 0.6 | 851 | 10.6 |
| Harding | 5 | 38 | 0.4 | 41 | 35 | 269 | 0.2 | 281 | 7.0 |
| Hughes | 30 | 231 | 2.3 | 245 | 232 | 1,784 | 1.3 | 1,863 | 7.7 |
| Hutchinson | 11 | 85 | 0.9 | 90 | 79 | 607 | 0.4 | 634 | 7.2 |
| Hyde | 2 | 15 | 0.2 | 16 | 18 | 138 | 0.1 | 145 | 9.0 |
| Jackson | 3 | 23 | 0.2 | 24 | 13 | 100 | 0.1 | 104 | 4.3 |
| Jerauld | 4 | 31 | 0.3 | 33 | 80 | 615 | 0.4 | 642 | 20.0 |
| Jones | 2 | 15 | 0.2 | 16 | 12 | 92 | 0.1 | 96 | 6.0 |
| Kingsbury | 68 | 523 | 5.3 | 554 | 1,082 | 8,319 | 6.0 | 8,687 | 15.9 |
| Lake | 77 | 592 | 6.0 | 628 | 978 | 7,519 | 5.5 | 7,852 | 12.7 |
| Lincoln | 10 | 77 | 0.8 | 82 | 107 | 823 | 0.6 | 859 | 10.7 |
| Lyman | 6 | 46 | 0.5 | 49 | 39 | 300 | 0.2 | 313 | 6.5 |
| McCook | 44 | 338 | 3.4 | 359 | 646 | 4,967 | 3.6 | 5,187 | 14.7 |
| McPherson | 27 | 208 | 2.1 | 220 | 401 | 3,083 | 2.2 | 3,220 | 14.9 |
| Marshall | 32 | 246 | 2.5 | 261 | 309 | 2,376 | 1.7 | 2,481 | 9.7 |
| Meade | 8 | 62 | 0.6 | 65 | 87 | 669 | 0.5 | 699 | 10.9 |
| Mellette | 3 | 23 | 0.2 | 24 | 12 | 92 | 0.1 | 96 | 4.0 |
| Miner | 21 | 161 | 1.6 | 171 | 325 | 2,499 | 1.8 | 2,609 | 15.5 |
| Moody | 10 | 77 | 0.8 | 82 | 243 | 1,868 | 1.4 | 1,951 | 24.3 |
| Perkins | 10 | 77 | 0.8 | 82 | 66 | 507 | 0.4 | 530 | 6.6 |
| Potter | 8 | 62 | 0.6 | 65 | 178 | 1,369 | 1.0 | 1,429 | 22.3 |
| Roberts | 42 | 323 | 3.3 | 342 | 544 | 4,182 | 3.0 | 4,368 | 13.0 |
| Sanborn | 12 | 92 | 0.9 | 98 | 163 | 1,253 | 0.9 | 1,309 | 13.6 |
| Spink | 18 | 138 | 1.4 | 147 | 279 | 2,145 | 1.6 | 2,240 | 15.5 |
| Stanley | 11 | 85 | 0.9 | 90 | 68 | 523 | 0.4 | 546 | 6.2 |
| Sully | 8 | 62 | 0.6 | 65 | 95 | 730 | 0.5 | 763 | 11.9 |
| Tripp | 5 | 38 | 0.4 | 41 | 28 | 215 | 0.2 | 225 | 5.6 |
| Turner | 14 | 108 | 1.1 | 114 | 101 | 777 | 0.6 | 811 | 7.2 |
| Union | 10 | 77 | 0.8 | 82 | 73 | 561 | 0.4 | 586 | 7.3 |
| Walworth | 9 | 69 | 0.7 | 73 | 87 | 669 | 0.5 | 699 | 9.7 |
| Ziebach | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Shannon | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Todd | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 |
| Unk/Unreported | 78 | 600 | - | - | 793 | 6,097 | - | - | 10.2 |
| TOTALS: | 1,370 | 10,533 | 100% | 10,533 | 18,697 | 143,749 | 100% | 143,749 | 13.65 |
| <i>Last Revised: 1 June 2017</i> <i>* Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding.</i> <i>** Calculation uses "# projected" values without correction for unknown/unreported county values.</i> | | | | | | | | | |

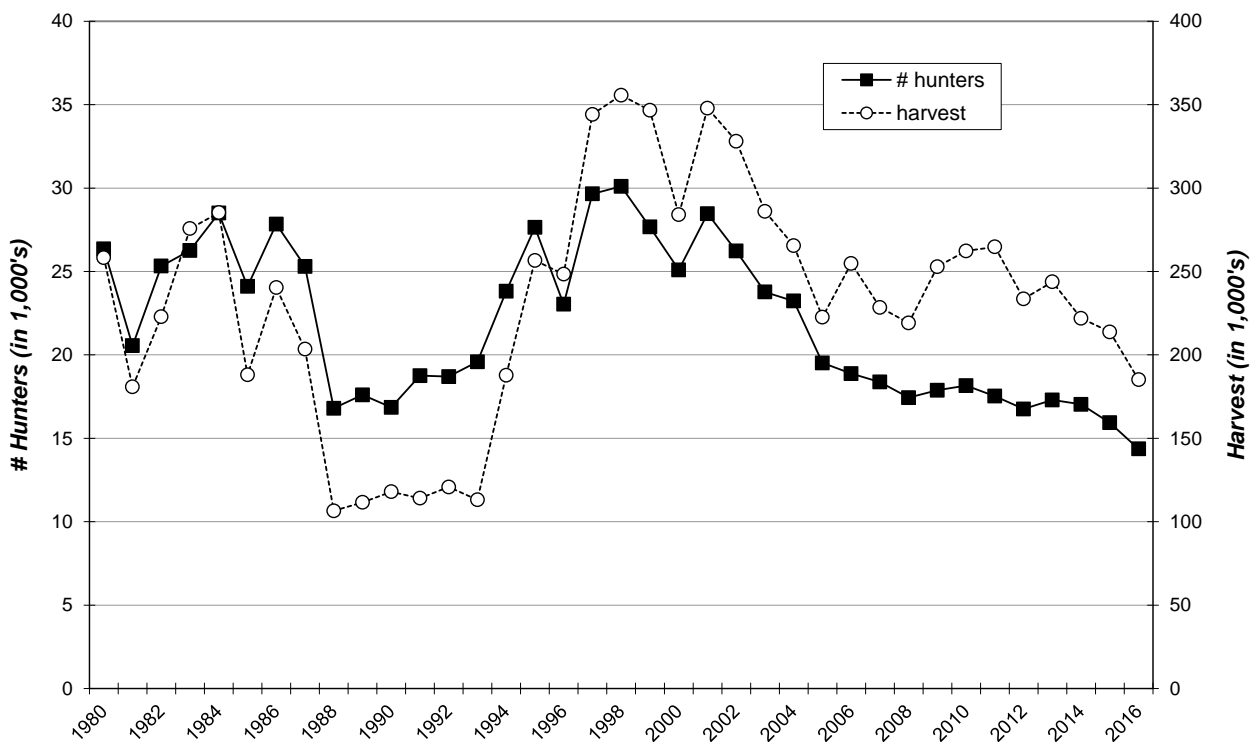
South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| 2016 Reported Nonresident Duck Hunting | | | | | | | | |
|---|------------|--------------|------------|------------|--------------|--------------------|--------------------|--------------------|
| Distribution by County | | | | | | | | |
| COUNTY | 00A | 00B | 00X | 00Y | 11A | 00B PERCENT | 00X PERCENT | 00Y PERCENT |
| Minnehaha | 0 | 3 | 0 | 1 | 0 | 0.2% | 0.0% | 0.3% |
| Pennington | 0 | 1 | 0 | 1 | 0 | 0.1% | 0.0% | 0.3% |
| Brown | 0 | 118 | 10 | 16 | 0 | 9.6% | 4.6% | 5.5% |
| Beadle | 0 | 13 | 0 | 0 | 0 | 1.1% | 0.0% | 0.0% |
| Codington | 0 | 54 | 0 | 38 | 0 | 4.4% | 0.0% | 13.1% |
| Brookings | 0 | 24 | 0 | 1 | 0 | 1.9% | 0.0% | 0.3% |
| Yankton | 20 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Davison | 0 | 12 | 0 | 0 | 0 | 1.0% | 0.0% | 0.0% |
| Lawrence | 0 | 1 | 0 | 0 | 0 | 0.1% | 0.0% | 0.0% |
| Aurora | 0 | 10 | 0 | 0 | 0 | 0.8% | 0.0% | 0.0% |
| Bennett | 0 | 0 | 0 | 0 | 4 | 0.0% | 0.0% | 0.0% |
| Bon Homme | 71 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Brule | 1 | 29 | 0 | 0 | 0 | 2.3% | 0.0% | 0.0% |
| Buffalo | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Butte | 0 | 2 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Campbell | 0 | 8 | 8 | 0 | 0 | 0.6% | 3.7% | 0.0% |
| Charles Mix | 22 | 4 | 0 | 0 | 0 | 0.3% | 0.0% | 0.0% |
| Clark | 0 | 97 | 1 | 42 | 0 | 7.9% | 0.5% | 14.5% |
| Clay | 9 | 1 | 0 | 0 | 0 | 0.1% | 0.0% | 0.0% |
| Corson | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Custer | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Day | 0 | 316 | 2 | 113 | 0 | 25.6% | 0.9% | 39.1% |
| Deuel | 0 | 7 | 0 | 2 | 0 | 0.6% | 0.0% | 0.7% |
| Dewey | 0 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Douglas | 1 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Edmunds | 0 | 44 | 40 | 1 | 0 | 3.6% | 18.5% | 0.3% |
| Fall River | 0 | 1 | 0 | 0 | 0 | 0.1% | 0.0% | 0.0% |
| Faulk | 0 | 10 | 16 | 1 | 0 | 0.8% | 7.4% | 0.3% |
| Grant | 0 | 5 | 0 | 2 | 0 | 0.4% | 0.0% | 0.7% |
| Gregory | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Haakon | 0 | 0 | 3 | 0 | 0 | 0.0% | 1.4% | 0.0% |
| Hamlin | 0 | 13 | 0 | 4 | 0 | 1.1% | 0.0% | 1.4% |
| Hand | 0 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Hanson | 0 | 2 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Harding | 0 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Hughes | 0 | 4 | 10 | 0 | 0 | 0.3% | 4.6% | 0.0% |
| Hutchinson | 0 | 0 | 1 | 0 | 0 | 0.0% | 0.5% | 0.0% |
| Hyde | 0 | 6 | 0 | 0 | 0 | 0.5% | 0.0% | 0.0% |
| Jackson | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Jerauld | 0 | 6 | 0 | 0 | 0 | 0.5% | 0.0% | 0.0% |
| Jones | 0 | 1 | 1 | 0 | 0 | 0.1% | 0.5% | 0.0% |
| Kingsbury | 0 | 62 | 1 | 1 | 0 | 5.0% | 0.5% | 0.3% |
| Lake | 0 | 11 | 0 | 0 | 0 | 0.9% | 0.0% | 0.0% |
| Lincoln | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Lyman | 1 | 0 | 10 | 0 | 0 | 0.0% | 4.6% | 0.0% |
| McCook | 0 | 2 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| McPherson | 0 | 57 | 54 | 0 | 0 | 4.6% | 25.0% | 0.0% |
| Marshall | 0 | 92 | 0 | 31 | 0 | 7.4% | 0.0% | 10.7% |
| Meade | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Mellette | 0 | 1 | 0 | 0 | 0 | 0.1% | 0.0% | 0.0% |
| Miner | 0 | 10 | 0 | 0 | 0 | 0.8% | 0.0% | 0.0% |
| Moody | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Perkins | 0 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Potter | 0 | 8 | 14 | 0 | 0 | 0.6% | 6.5% | 0.0% |
| Roberts | 0 | 83 | 1 | 29 | 0 | 6.7% | 0.5% | 10.0% |
| Sanborn | 0 | 12 | 0 | 0 | 0 | 1.0% | 0.0% | 0.0% |
| Spink | 0 | 36 | 0 | 0 | 0 | 2.9% | 0.0% | 0.0% |
| Stanley | 0 | 3 | 9 | 0 | 0 | 0.2% | 4.2% | 0.0% |
| Sully | 0 | 3 | 7 | 0 | 0 | 0.2% | 3.2% | 0.0% |
| Tripp | 0 | 2 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Turner | 0 | 3 | 0 | 0 | 0 | 0.2% | 0.0% | 0.0% |
| Union | 6 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Walworth | 0 | 12 | 17 | 0 | 0 | 1.0% | 7.9% | 0.0% |
| Ziebach | 1 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Oglala Lakota | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Todd | 0 | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| Unk/Unreported | 1 | 31 | 11 | 6 | 0 | 2.5% | 5.1% | 2.1% |
| TOTALS: | 133 | 1,235 | 216 | 289 | 1,873 | 100.0% | 100.0% | 100.0% |
| <i>Last updated: 1 June 2017</i> | | | | | | | | |

STATEWIDE DUCK (all species) HARVEST, 1980-2016



STATEWIDE DUCK SEASON PARTICIPATION, 1980-2016



CANADA GEESE (all seasons)

Information provided in this section pertains to the entire Canada goose harvest in South Dakota and combines information from all seasons. The next two sections report specifically on the Early Fall (September) and Special Bennett County seasons.

The 2016 Canada goose season was open from 3 September 2016 - 12 February 2017 statewide, although some units may have opened later and/or closed sooner. The daily bag was 15 geese prior to 1 October; and after that it was 8 geese. Possession was three times the daily bag. Resident hunters were separately licensed for one Special Canada goose unit in Bennett County. To hunt geese, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. Special Canada goose season hunters were required to apply for and receive Special Canada goose season licenses.

In 2016, there were an estimated 12,010 hunters who hunted at least one day for Canada geese (9,964 residents, 2,046 nonresidents). From the survey responses, there were a projected total of 91,294 Canada geese harvested (85,809 by residents, 5,485 by nonresidents). Average Canada goose bag for residents was 8.61, for nonresidents 2.77. An estimated 29,471 Canada geese were harvested within 20 miles of the Missouri River.

The five counties with the highest reported harvest by residents were Hughes, Day, Roberts, Clark, and Stanley, and by nonresidents in unit 00B were Day, Brown, Roberts, Kingsbury, and Clark.

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), Canada goose hunters reported an average rating of 4.87 for residents and 4.86 for nonresidents. The average days hunted by all hunters (6.98 residents, 4.51 nonresidents) projected to a total of 78,818 recreation days for the season.

Comparison of the 2007 - 2016 Canada goose harvest statistics

| Year | Resident Hunters | | | | | Nonresident Hunters | | | | |
|------|------------------|---------|----------------|---------|--------------|---------------------|---------|----------------|---------|--------------|
| | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2007 | 14,026 | 94,535 | 7.24 | 6.74 | 4.81 | 2,349 | 6,248 | 3.82 | 2.66 | 5.21 |
| 2008 | 13,463 | 97,068 | 7.21 | 7.21 | 5.03 | 2,483 | 6,381 | 3.89 | 2.57 | 5.24 |
| 2009 | 12,927 | 98,892 | 7.25 | 7.65 | 4.92 | 1,986 | 5,561 | 4.14 | 2.80 | 5.27 |
| 2010 | 13,552 | 123,188 | 7.53 | 9.09 | 5.19 | 2,198 | 6,440 | 4.45 | 2.93 | 5.50 |
| 2011 | 13,376 | 131,505 | 7.28 | 9.83 | 5.31 | 2,167 | 6,332 | 4.25 | 2.92 | 5.63 |
| 2012 | 13,725 | 157,363 | 7.61 | 11.47 | 5.19 | 2,277 | 7,054 | 4.37 | 3.10 | 5.44 |
| 2013 | 12,004 | 117,846 | 7.54 | 9.82 | 5.06 | 2,160 | 6,310 | 4.24 | 2.92 | 5.37 |
| 2014 | 12,130 | 97,956 | 6.92 | 8.08 | 4.96 | 1,969 | 5,193 | 4.31 | 2.76 | 5.22 |
| 2015 | 10,228 | 73,471 | 7.00 | 7.18 | 4.78 | 2,104 | 5,482 | 4.30 | 2.70 | 4.98 |
| 2016 | 9,964 | 85,809 | 6.98 | 8.61 | 4.87 | 2,046 | 5,485 | 4.51 | 2.77 | 4.86 |

South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

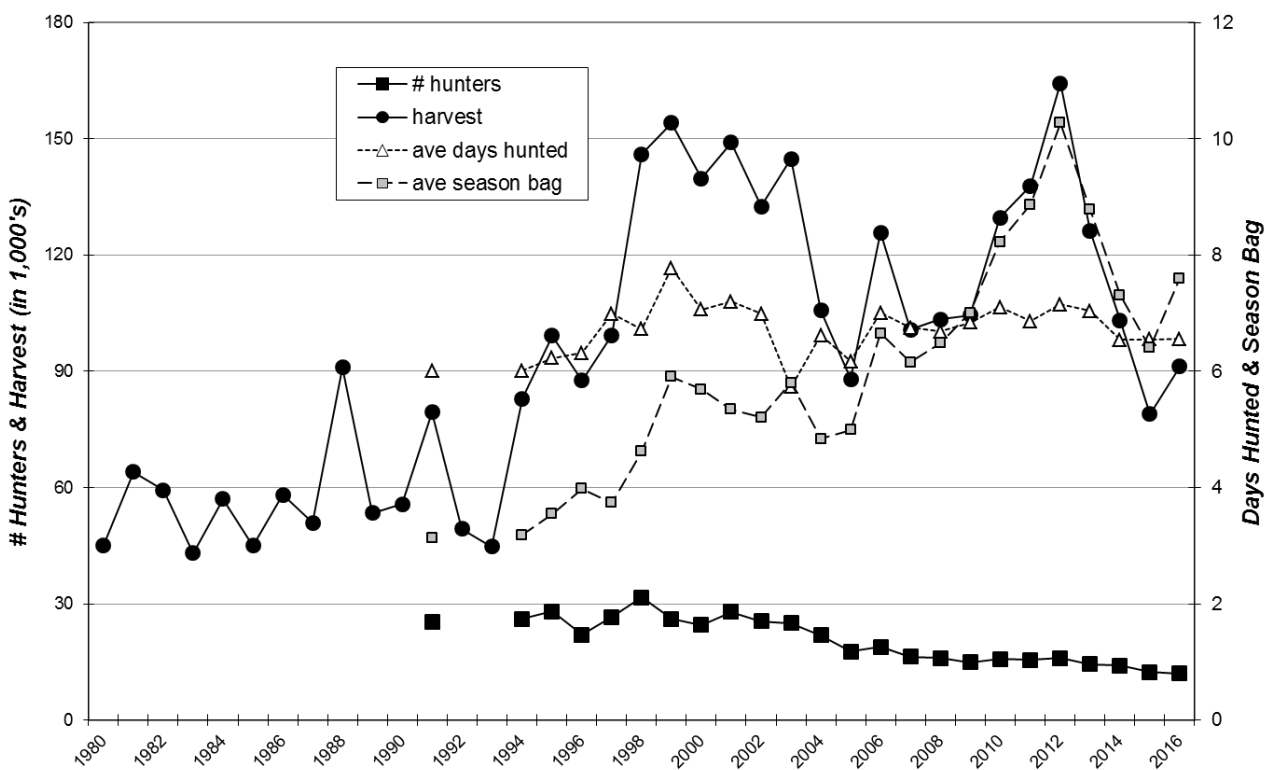
CANADA GOOSE HARVEST PROJECTIONS FOR 2016

Revised: 1 June 2017

| | NONRESIDENT TOTALS BY UNIT | | | | | | Sum Estimates | Resident Total |
|---|----------------------------|-------|------|------|------|-----|------------------|-------------------|
| | 00A | 00B | 11A | 00X | 00Y | YW1 | | |
| No. Hunters Reporting Canada Goose Days | 90 | 601 | 4 | 151 | 120 | | 966 | 1,296 |
| Total Reported Canada Goose Hunted Days | 841 | 2,806 | 10 | 384 | 315 | | 4,356 | 9,046 |
| Average Days Hunted Canada Geese | 9.34 | 4.67 | 2.50 | 2.54 | 2.63 | | 4.51 | 6.98 |
| Total Reported Canada Geese Bagged | 408 | 1,435 | 18 | 547 | 270 | | 2,678 | 11,161 |
| Average Canada Goose Bag for Season | 4.53 | 2.39 | 4.50 | 3.62 | 2.25 | | 2.77 | 8.61 |
| Projected Days Canada Goose Hunting | 1,262 | 6,881 | 17 | 656 | 454 | | 9,269 | 69,549 |
| Projected No. Canada Goose Hunters | 135 | 1,474 | 7 | 258 | 173 | | 2,046 | 9,964 |
| Projected Canada Goose Bag | 612 | 3,519 | 30 | 934 | 389 | | 5,485 | 85,809 |
| Canada Geese Reported w/in 20 miles of Missouri River | 383 | 108 | 0 | 468 | 0 | | 959 | 3,620 |
| Projected Canada Geese Bagged w/in 20 miles of Missouri F | 575 | 265 | 0 | 800 | 0 | | 1,639 | 27,832 |
| TOTAL CANADA GOOSE HARVEST ALL SEASONS = 91,294 | | | | | | | | |
| Canada Goose Hunter Mean Satisfaction Score *1* | 4.38 | 4.85 | 6.50 | 4.92 | 5.10 | | 4.86 | 4.87 |

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied

STATEWIDE CANADA GOOSE (all seasons) HARVEST, 1980-2016



South Dakota Game Report No 2017-05 - 2016 Small Game, Upland Bird & Migratory Bird Harvest Projections
Corey Huxoll

| Resident Canada Goose Harvest Distribution by County 2016 | | | | | | | | | | |
|--|----------------------------|--------------------|-------------------|------------------------|-----------------------------|--------------------|-------------------|------------------------|------------------------|--|
| COUNTY | HUNTER DISTRIBUTION | | | | HARVEST DISTRIBUTION | | | | Birds/Hunter ** | |
| | # Reported | # Projected | % of Total | # Proj w/ Unk * | # Reported | # Projected | % of Total | # Proj w/ Unk * | | |
| Minnehaha | 52 | 400 | 4.3 | 431 | 273 | 2,099 | 2.6 | 2,210 | 5.3 | |
| Pennington | 13 | 100 | 1.1 | 108 | 92 | 707 | 0.9 | 745 | 7.1 | |
| Brown | 56 | 431 | 4.7 | 464 | 462 | 3,552 | 4.4 | 3,740 | 8.3 | |
| Beadle | 14 | 108 | 1.2 | 116 | 78 | 600 | 0.7 | 631 | 5.6 | |
| Codington | 44 | 338 | 3.7 | 365 | 222 | 1,707 | 2.1 | 1,797 | 5.0 | |
| Brookings | 41 | 315 | 3.4 | 340 | 353 | 2,714 | 3.3 | 2,857 | 8.6 | |
| Yankton | 17 | 131 | 1.4 | 141 | 147 | 1,130 | 1.4 | 1,190 | 8.6 | |
| Davison | 4 | 31 | 0.3 | 33 | 2 | 15 | 0.0 | 16 | 0.5 | |
| Lawrence | 6 | 46 | 0.5 | 50 | 6 | 46 | 0.1 | 49 | 1.0 | |
| Aurora | 5 | 38 | 0.4 | 41 | 14 | 108 | 0.1 | 113 | 2.8 | |
| Bennett | 21 | 161 | 1.7 | 174 | 140 | 1,076 | 1.3 | 1,133 | 6.7 | |
| Bon Homme | 10 | 77 | 0.8 | 83 | 58 | 446 | 0.5 | 469 | 5.8 | |
| Brule | 21 | 161 | 1.7 | 174 | 190 | 1,461 | 1.8 | 1,538 | 9.0 | |
| Buffalo | 2 | 15 | 0.2 | 17 | 55 | 423 | 0.5 | 445 | 27.5 | |
| Butte | 13 | 100 | 1.1 | 108 | 89 | 684 | 0.8 | 720 | 6.8 | |
| Campbell | 4 | 31 | 0.3 | 33 | 47 | 361 | 0.4 | 380 | 11.8 | |
| Charles Mix | 38 | 292 | 3.2 | 315 | 441 | 3,391 | 4.2 | 3,570 | 11.6 | |
| Clark | 51 | 392 | 4.2 | 423 | 473 | 3,637 | 4.5 | 3,829 | 9.3 | |
| Clay | 3 | 23 | 0.2 | 25 | 12 | 92 | 0.1 | 97 | 4.0 | |
| Corson | 2 | 15 | 0.2 | 17 | 8 | 62 | 0.1 | 65 | 4.0 | |
| Custer | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Day | 69 | 530 | 5.7 | 572 | 721 | 5,543 | 6.8 | 5,836 | 10.4 | |
| Deuel | 25 | 192 | 2.1 | 207 | 354 | 2,722 | 3.3 | 2,865 | 14.2 | |
| Dewey | 2 | 15 | 0.2 | 17 | 9 | 69 | 0.1 | 73 | 4.5 | |
| Douglas | 6 | 46 | 0.5 | 50 | 47 | 361 | 0.4 | 380 | 7.8 | |
| Edmunds | 19 | 146 | 1.6 | 158 | 128 | 984 | 1.2 | 1,036 | 6.7 | |
| Fall River | 16 | 123 | 1.3 | 133 | 98 | 753 | 0.9 | 793 | 6.1 | |
| Faulk | 5 | 38 | 0.4 | 41 | 94 | 723 | 0.9 | 761 | 18.8 | |
| Grant | 21 | 161 | 1.7 | 174 | 330 | 2,537 | 3.1 | 2,671 | 15.7 | |
| Gregory | 1 | 8 | 0.1 | 8 | 2 | 15 | 0.0 | 16 | 2.0 | |
| Haakon | 1 | 8 | 0.1 | 8 | 0 | 0 | 0.0 | 0 | 0.0 | |
| Hamlin | 40 | 308 | 3.3 | 332 | 339 | 2,606 | 3.2 | 2,744 | 8.5 | |
| Hand | 3 | 23 | 0.2 | 25 | 2 | 15 | 0.0 | 16 | 0.7 | |
| Hanson | 9 | 69 | 0.7 | 75 | 31 | 238 | 0.3 | 251 | 3.4 | |
| Harding | 7 | 54 | 0.6 | 58 | 41 | 315 | 0.4 | 332 | 5.9 | |
| Hughes | 174 | 1,338 | 14.5 | 1,442 | 1,594 | 12,255 | 15.0 | 12,903 | 9.2 | |
| Hutchinson | 8 | 62 | 0.7 | 66 | 35 | 269 | 0.3 | 283 | 4.4 | |
| Hyde | 2 | 15 | 0.2 | 17 | 1 | 8 | 0.0 | 8 | 0.5 | |
| Jackson | 2 | 15 | 0.2 | 17 | 7 | 54 | 0.1 | 57 | 3.5 | |
| Jerauld | 3 | 23 | 0.2 | 25 | 5 | 38 | 0.0 | 40 | 1.7 | |
| Jones | 3 | 23 | 0.2 | 25 | 20 | 154 | 0.2 | 162 | 6.7 | |
| Kingsbury | 43 | 331 | 3.6 | 356 | 231 | 1,776 | 2.2 | 1,870 | 5.4 | |
| Lake | 38 | 292 | 3.2 | 315 | 172 | 1,322 | 1.6 | 1,392 | 4.5 | |
| Lincoln | 15 | 115 | 1.2 | 124 | 185 | 1,422 | 1.7 | 1,497 | 12.3 | |
| Lyman | 7 | 54 | 0.6 | 58 | 51 | 392 | 0.5 | 413 | 7.3 | |
| McCook | 19 | 146 | 1.6 | 158 | 67 | 515 | 0.6 | 542 | 3.5 | |
| McPherson | 21 | 161 | 1.7 | 174 | 116 | 892 | 1.1 | 939 | 5.5 | |
| Marshall | 32 | 246 | 2.7 | 265 | 155 | 1,192 | 1.5 | 1,255 | 4.8 | |
| Meade | 9 | 69 | 0.7 | 75 | 72 | 554 | 0.7 | 583 | 8.0 | |
| Mellette | 1 | 8 | 0.1 | 8 | 1 | 8 | 0.0 | 8 | 1.0 | |
| Miner | 14 | 108 | 1.2 | 116 | 209 | 1,607 | 2.0 | 1,692 | 14.9 | |
| Moody | 7 | 54 | 0.6 | 58 | 42 | 323 | 0.4 | 340 | 6.0 | |
| Perkins | 11 | 85 | 0.9 | 91 | 54 | 415 | 0.5 | 437 | 4.9 | |
| Potter | 4 | 31 | 0.3 | 33 | 141 | 1,084 | 1.3 | 1,141 | 35.3 | |
| Roberts | 46 | 354 | 3.8 | 381 | 741 | 5,697 | 7.0 | 5,998 | 16.1 | |
| Sanborn | 13 | 100 | 1.1 | 108 | 32 | 246 | 0.3 | 259 | 2.5 | |
| Spink | 16 | 123 | 1.3 | 133 | 328 | 2,522 | 3.1 | 2,655 | 20.5 | |
| Stanley | 30 | 231 | 2.5 | 249 | 574 | 4,413 | 5.4 | 4,646 | 19.1 | |
| Sully | 16 | 123 | 1.3 | 133 | 236 | 1,814 | 2.2 | 1,910 | 14.8 | |
| Tripp | 5 | 38 | 0.4 | 41 | 24 | 185 | 0.2 | 194 | 4.8 | |
| Turner | 9 | 69 | 0.7 | 75 | 52 | 400 | 0.5 | 421 | 5.8 | |
| Union | 9 | 69 | 0.7 | 75 | 80 | 615 | 0.8 | 648 | 8.9 | |
| Walworth | 3 | 23 | 0.2 | 25 | 16 | 123 | 0.2 | 130 | 5.3 | |
| Ziebach | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Shannon | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0 | 0 | |
| Todd | 1 | 8 | 0.1 | 8 | 2 | 15 | 0.0 | 16 | 2.0 | |
| Unk/Unreported | 94 | 723 | - | - | 560 | 4,305 | - | - | 6.0 | |
| TOTALS: | 1,296 | 9,964 | 100% | 9,964 | 11,161 | 85,809 | 100% | 85,809 | 8.61 | |
| Last Revised: 6 June 2017 | | | | | | | | | | |
| * Includes unknown county projection values by assuming unknown county values are distributed the same as reported county values. Total values may be different due to rounding. | | | | | | | | | | |
| ** Calculation uses "# projected" values without correction for unknown/unreported county values. | | | | | | | | | | |

EARLY FALL CANADA GOOSE

The 2016 Early Fall Canada goose season was open from 3-30 September in the Unit 1 counties specified in the 2016 hunting guide, which included most of the state. However, nonresidents were prohibited from hunting in the counties of Beadle, Brookings, Hanson, Kingsbury, Lake, Lincoln, McCook, Miner, Minnehaha, Moody, Sanborn, Turner and Union during these dates. The daily bag limit was 15 geese and possession was 45. To hunt geese, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Resident hunters were surveyed utilizing the Migratory Bird Harvest Survey that is used to assess all migratory bird harvest for the year. Hunters were asked to break down how many geese they harvested during the Early Fall season out of the total number they harvested for the year. Nonresident hunters were surveyed using a separate Early Fall Canada Goose season survey.

In 2016, there were 27,568 hunters licensed to hunt the Early Fall Canada goose season (27,332 residents, 236 nonresidents). Approximately 21% (5,824) of the resident hunters and 70% (167) of the nonresident hunters were surveyed. The survey response rates were 61% for residents and 69% for nonresidents.

In 2016, there were a projected 3,366 hunters who hunted at least one day in Unit 1 during the Early Fall season. There were a projected 27,660 geese harvested.

Comparison of the 2007 - 2016 Early Fall Canada goose harvests

| Year | Number Hunters | Harvest | Average Season Bag |
|-------------|---------------------------|----------------|-------------------------------|
| 2007 | 5,876 | 26,698 | 4.54 |
| 2008 | 5,275 | 27,924 | 5.29 |
| 2009 | 6,157 | 39,275 | 6.38 |
| 2010 | 5,767 | 44,183 | 7.66 |
| 2011 | 5,417 | 50,361 | 9.30 |
| 2012 | 3,636 | 28,788 | 7.92 |
| 2013 | 4,528 | 29,887 | 6.60 |
| 2014 | 5,106 | 28,814 | 5.64 |
| 2015 | 3,883 | 20,735 | 5.34 |
| 2016 | 3,366 | 27,660 | 8.22 |

EARLY FALL CANADA GOOSE HARVEST PROJECTIONS FOR 2016

Last Revised: 1 June 2016

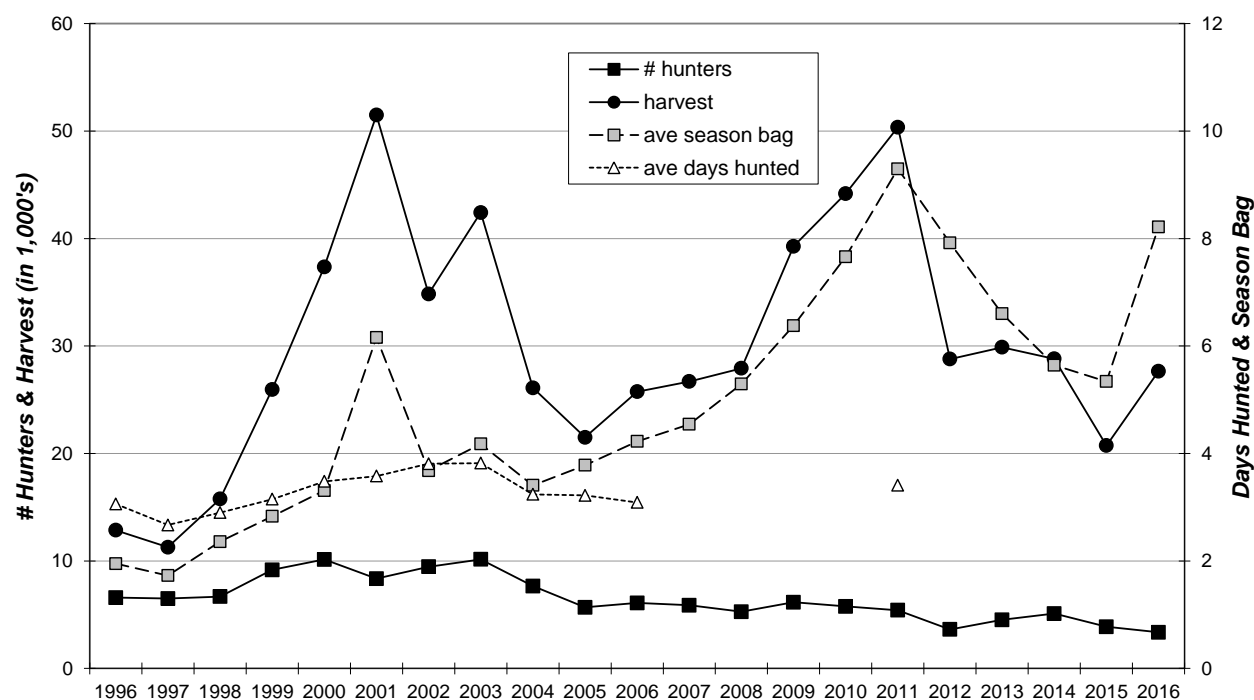
| | Resident | Non Resident |
|--|---------------|--------------|
| EARLY FALL CANADA GOOSE SEASON Licenses Sold *1* | 27,346 | 236 |
| Unique Licenseholders | 27,332 | 236 |
| Projected No. Early Fall Canada Goose Hunters | 3,152 | 213 |
| Number Sampled by Survey | 5,824 | 167 |
| Number Responded to Survey | 3,555 | 115 |
| Responded and Participated in Season | 410 | 104 |
| Responded but DID NOT HUNT | 3,145 | 11 |
| Survey Response Rate | 61.0% | 68.9% |
| No. Hunters Reporting Early Fall Canada Goose Days | 410 | 104 |
| Total Reported Early Fall Canada Goose Hunted Days | UNK | 391 |
| Average Days Hunted Canada Geese | UNK | 3.76 |
| Total Reported Canada Geese Bagged | 3,347 | 939 |
| Average Canada Goose Bag for Early Fall | 8.16 | 9.03 |
| Projected Days Canada Goose Hunting Early Fall | UNK | 802 |
| Projected No. Early Fall Canada Goose Hunters | 3,152 | 213 |
| Projected Canada Goose Bag | 25,733 | 1,927 |
| TOTAL CANADA GOOSE HARVEST EARLY FALL SEASON = 27,660 | | |
| Canada Goose Hunter Mean Satisfaction Score *2* | 4.87 | 4.97 |

1 For residents: number of licenses based on # Migratory Bird Certificates in the 2016 GF79 database

For nonresidents: number of Nonresident Waterfowl licenses sold in GF79

2 Based on a scale of 1-7 with 1=very dissatisfied & 7=very satisfied

EARLY FALL CANADA GOOSE HARVEST, 1996-2016



SPECIAL CANADA GOOSE

The 2016 Special Unit Canada goose season was open from October 15 to December 18 in Bennett County. To hunt this resident-only season, hunters were required to hold small game, 1-day small game, senior, adult or junior combination, or youth small game licenses plus a migratory bird certification, and for those hunters age 16 and over, a federal waterfowl stamp. Additionally, hunters must have applied for and received a Special Canada goose license for that specific unit. Each license allowed the hunter to harvest 3 geese and individuals could have had up to 5 licenses for the season, if licenses were left after the 2nd deadline drawing. A total of 148 hunters received multiple licenses for the 2016 season, including 38 hunters who received the maximum of 5 licenses each.

In 2016, there were 479 residents licensed to hunt the Special Canada goose season. All license holders who provided email addresses when applying for their license were surveyed and 195 responses were received for a response rate of 41%. All responding hunters used the Internet.

From the survey responses, there were an estimated 410 Canada geese harvested for an average bag of 0.86. Of the 195 hunters who responded to the survey, only 90 (46%) indicated that they actually hunted during this season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), hunters reported an average rating of 4.74.

SPECIAL CANADA GOOSE HARVEST PROJECTIONS FOR 2016

Last Revised: 30 March 2017

| | Resident |
|--|-----------------|
| SPECIAL CANADA GOOSE SEASON Licenses Sold | 799 |
| Number Unique Licenseholders | 479 |
| Number Sampled by Survey | 479 |
| Number Responded to Survey | 195 |
| Responded and Participated in Season | 90 |
| Responded but DID NOT HUNT | 105 |
| Survey Response Rate | 40.7% |
| Total Reported Canada Goose Hunted Days | 201 |
| Average Days Hunted Canada Geese | 1.03 |
| Total Reported Canada Geese Bagged | 167 |
| Average Canada Goose Bag for Season | 0.86 |
| Projected Days Canada Goose Hunting | 494 |
| Projected No. Canada Goose Hunters | 221 |
| Projected Canada Goose Bag | 410 |
| Reported Geese shot but not retrieved | 10 |
| Projected Geese shot but not retrieved | 53 |
| Special Canada Goose Hunter Mean Satisfaction Score *1* | 4.74 |
| TOTAL CANADA GOOSE HARVEST SPECIAL SEASON = 410 | |

**1* Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied*

LIGHT GEESE (regular season)

Information provided in this section pertains only to the regular light goose season in South Dakota. The next section reports on the Spring Conservation Order.

The 2016 light goose season was open from 24 September - 18 December statewide and included snow, blue, and Ross' geese and all other geese except Canada geese, brant and white-fronted geese. The daily bag was 50 geese with an unlimited season possession limit. To hunt geese, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

In 2016, there were an estimated 3,721 hunters who hunted at least one day for light geese during the regular season (3,206 residents, 515 nonresidents). From survey responses, there was a projected harvest of 45,103 light geese (39,841 by residents, 5,263 by nonresidents).

When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), those respondents who reported hunting at least one day for light geese reported an average rating of 4.85 for residents and 4.77 for nonresidents. The average days hunted by all hunters (5.41 residents, 5.40 for nonresidents) projected to a total of 20,119 recreation days for the season.

Comparison of the 2007 - 2016 regular season light goose harvests

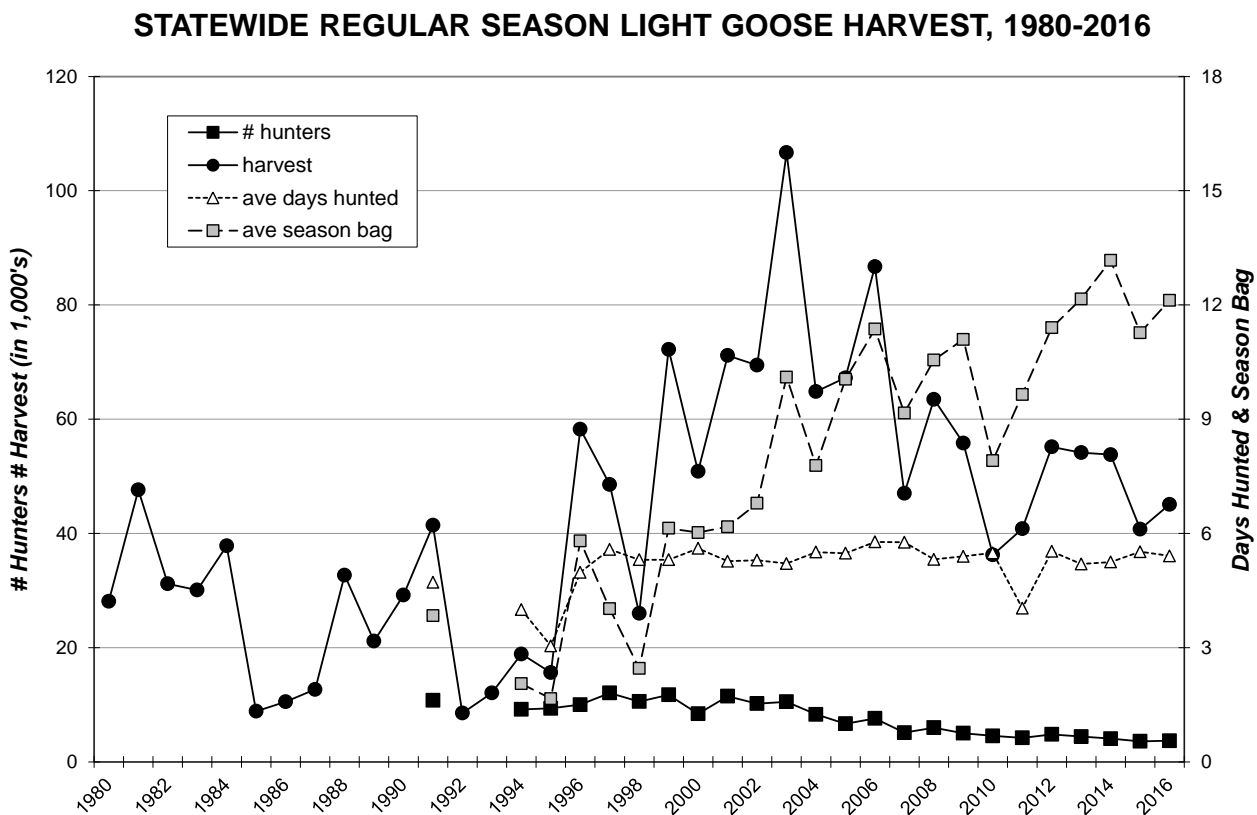
| Year | Residents | | | | | Nonresidents | | | | |
|------|----------------|---------|----------------|---------|--------------|----------------|---------|----------------|---------|--------------|
| | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction | Number Hunters | Harvest | Ave Day Hunted | Ave Bag | Satisfaction |
| 2007 | 4,377 | 44,120 | 6.03 | 10.08 | 4.90 | 754 | 2,903 | 4.23 | 3.85 | 4.97 |
| 2008 | 5,165 | 58,055 | 5.51 | 11.24 | 5.24 | 849 | 5,422 | 4.15 | 6.39 | 5.23 |
| 2009 | 4,298 | 52,350 | 5.57 | 12.18 | 4.96 | 733 | 3,473 | 4.40 | 4.74 | 5.24 |
| 2010 | 4,031 | 33,739 | 5.55 | 8.37 | 5.18 | 551 | 2,520 | 5.08 | 4.57 | 5.64 |
| 2011 | 3,614 | 36,419 | 3.92 | 10.08 | 5.37 | 617 | 4,409 | 4.78 | 7.15 | 5.55 |
| 2012 | 4,113 | 49,788 | 5.66 | 12.10 | 5.19 | 726 | 5,383 | 4.81 | 7.41 | 5.49 |
| 2013 | 3,747 | 46,871 | 5.25 | 12.51 | 5.01 | 641 | 6,451 | 4.85 | 10.06 | 5.48 |
| 2014 | 3,572 | 49,460 | 5.34 | 13.85 | 4.92 | 514 | 4,355 | 4.58 | 8.47 | 5.02 |
| 2015 | 3,096 | 37,266 | 5.66 | 12.04 | 4.78 | 519 | 3,492 | 4.71 | 6.72 | 4.83 |
| 2016 | 3,206 | 39,841 | 5.41 | 12.43 | 4.85 | 515 | 5,263 | 5.40 | 10.22 | 4.77 |

REGULAR SEASON LIGHT GOOSE HARVEST PROJECTIONS FOR 2016

Revised: 1 June 2017

| | NONRESIDENT TOTALS BY UNIT | | | | | | Sum Estimates | Resident Total |
|--|----------------------------|--------------|----------|-------------|-------------|-----|---------------|----------------|
| | 00A | 00B | 11A | 00X | 00Y | YW1 | | |
| Regular Season: | | | | | | | | |
| No. Hunters Reporting Light Goose Days | 21 | 151 | 0 | 51 | 18 | | 241 | 417 |
| Total Reported Light Goose Hunted Days | 270 | 826 | 0 | 149 | 67 | | 1,312 | 2,255 |
| Average Days Hunted Light Geese | 12.86 | 5.47 | | 2.92 | 3.72 | | 5.40 | 5.41 |
| Total Reported Light Geese Bagged | 90 | 1,702 | 0 | 452 | 126 | | 2,370 | 5,182 |
| Average Light Goose Bag for Season | 4.29 | 11.27 | | 8.86 | 7.00 | | 10.22 | 12.43 |
| Projected Days Light Goose Hunting | 405 | 2,026 | 0 | 255 | 97 | | 2,782 | 17,337 |
| Projected No. Light Goose Hunters | 32 | 370 | 0 | 87 | 26 | | 515 | 3,206 |
| Projected Light Goose Bag | 135 | 4,174 | 0 | 772 | 182 | | 5,263 | 39,841 |
| TOTAL LIGHT GOOSE HARVEST REGULAR SEASON = 45,103 | | | | | | | | |
| Light Goose Hunter Mean Satisfaction Score *1* | 4.95 | 4.72 | | 4.70 | 5.18 | | 4.77 | 4.85 |

1 Based on scale of 1-7 with 1=very dissatisfied & 7=very satisfied



LIGHT GOOSE CONSERVATION ORDER

Information provided in this section pertains only to the Spring Light Goose Conservation Order in South Dakota. The previous section reported only on the regular season.

The 2016 Light Goose Conservation Order covered 15 February - 3 May statewide. The daily bag and possession limits were unlimited. To hunt light geese, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident Spring Light Goose or a nonresident Youth Spring Light Goose license. Hunters were not required to possess a federal waterfowl stamp to participate in the conservation order.

Harvest surveys were sent to both resident and nonresident hunters. In 2016, there were a projected 5,709 license holders who hunted at least one day for light geese during the conservation order dates (1,866 residents, 3,843 nonresidents). From the survey responses, there were a projected total of 126,198 light geese harvested.

The average days hunted projected to a total of 24,561 recreation days for the conservation order. Brown, Yankton, Day, Faulk, and Kingsbury county hunters had the highest reported harvest, accounting for an estimated 48% of the total harvest.

Comparison of the 2007 - 2016 Conservation Order light goose harvests

| Year | <i>Resident Hunters</i> | | | <i>Nonresident Hunters</i> | | |
|-------------|--------------------------------|-----------------------|---------------------------------|-----------------------------------|-----------------------|---------------------------------|
| | <i>Number Hunters</i> | <i>Harvest</i> | <i>Total Days Hunted</i> | <i>Number Hunters</i> | <i>Harvest</i> | <i>Total Days Hunted</i> |
| 2007 | 2,480 | 39,343 | 13,323 | 2,808 | 57,212 | 9,970 |
| 2008 | 3,330 | 45,995 | 18,925 | 3,271 | 61,142 | 12,406 |
| 2009 | 2,895 | 38,184 | 15,173 | 3,621 | 78,765 | 15,063 |
| 2010 | 1,762 | 18,223 | 7,883 | 2,884 | 34,325 | 10,486 |
| 2011 | 2,503 | 33,569 | 15,600 | 3,617 | 77,786 | 26,766 |
| 2012 | 2,324 | 37,655 | 13,885 | 2,494 | 70,703 | 16,538 |
| 2013 | 3,166 | 53,571 | 15,502 | 4,142 | 114,926 | 15,856 |
| 2014 | 2,159 | 41,386 | 11,832 | 4,514 | 107,730 | 17,949 |
| 2015 | 2,147 | 53,046 | 12,402 | 4,277 | 112,285 | 16,569 |
| 2016 | 1,866 | 36,572 | 9,485 | 3,843 | 89,627 | 15,076 |

SPRING LIGHT GOOSE HARVEST FOR 2016

Last Revised: 23 Aug 2016

| | Resident | Nonresident |
|---|---------------|---------------|
| CONSERVATION ORDER LIGHT GOOSE Licenses Sold *3* | 11,745 | 4,106 |
| Projected ACTIVE CONS ORDER LIGHT GOOSE HUNTERS | 1,866 | 3,843 |
| Number Sampled for Survey | 2,932 | 980 |
| Number Responded to Survey | 1,907 | 530 |
| Responded and Participated in Season | 303 | 496 |
| Responded but DID NOT HUNT | 1,604 | 34 |
| Survey Response Rate | 65.0% | 54.1% |
| <i>TOTAL LIGHT GOOSE HARVEST CONSERVATION ORDER = 126,198</i> | | |
| Late Season (Conservation Order) 2/15 - 3/10 Period: | | |
| No. Hunters Reporting Light Goose Days | 217 | 198 |
| Total Reported Light Goose Hunted Days | 834 | 598 |
| Average Days Hunted Light Geese | 3.84 | 3.02 |
| Total Reported Light Geese Bagged | 2,175 | 3,856 |
| Average Light Goose Bag for Season | 10.02 | 19.47 |
| Projected Days Light Goose Hunting | 5,137 | 4,633 |
| Projected No. Light Goose Hunters | 1,336 | 1,534 |
| Projected Light Goose Bag | 13,396 | 29,873 |
| <i>TOTAL LIGHT GEESE HARVESTED 2/15 - 3/10 = 43,269</i> | | |
| Late Season (Conservation Order) 3/11 - 5/3 Period: | | |
| No. Hunters Reporting Light Goose Days | 169 | 461 |
| Total Reported Light Goose Hunted Days | 706 | 1,348 |
| Average Days Hunted Light Geese | 4.18 | 2.92 |
| Total Reported Light Geese Bagged | 3,763 | 7,713 |
| Average Light Goose Bag for Season | 22.27 | 16.73 |
| Projected Days Light Goose Hunting | 4,348 | 10,443 |
| Projected No. Light Goose Hunters | 1,041 | 3,571 |
| Projected Light Goose Bag | 23,176 | 59,754 |
| <i>TOTAL LIGHT GEESE HARVESTED 3/11 - 5/3 = 82,930</i> | | |
| Reported Geese bagged over decoys | 3,616 | 9,601 |
| Projected Geese bagged over decoys | 22,271 | 74,381 |
| <i>Total bagged over decoys = 96,651</i> | | |
| Reported Geese shot but not retrieved | 201 | 437 |
| Projected Geese Shot but Not Retrieved | 1,238 | 3,386 |
| <i>Total not retrieved = 4,623</i> | | |
| *3* Numbers of resident licenses sold are based on the number of migratory bird certificates in the 2016 database purchased prior to April 21 | | |

WHITE-FRONTED GEESE

The 2016 white-fronted goose season was open from 24 September - 18 December statewide. The daily bag limit was 2 geese and the season possession limit was 6. To hunt white-fronted geese, residents were required to hold small game, 1-day small game, adult, senior or junior combination, or youth small game licenses plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp.

Harvest surveys were sent to both resident and nonresident hunters. There were a projected 1,287 hunters who hunted at least one day for white-fronted geese (992 residents, 295 nonresidents). There were a projected 1,883 white-fronted geese harvested (1,707 by residents and 176 by nonresidents).

Comparison of the 2007 - 2016 white-fronted goose harvests

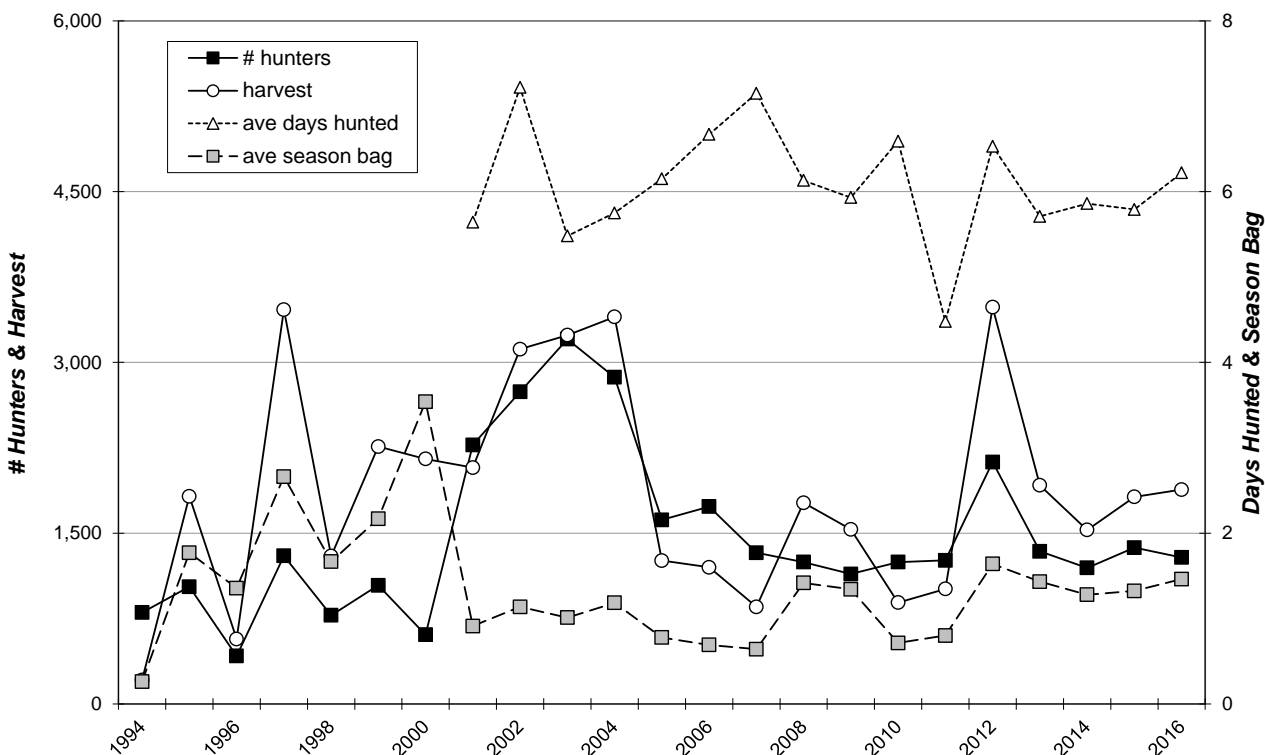
| Year | Residents | | | | Nonresidents | | | |
|------|----------------|---------|-----------------|-----------------|----------------|---------|-----------------|-----------------|
| | Number Hunters | Harvest | Ave Days Hunted | Ave Bag, Season | Number Hunters | Harvest | Ave Days Hunted | Ave Bag, Season |
| 2007 | 971 | 757 | 8.00 | 0.78 | 357 | 96 | 4.82 | 0.27 |
| 2008 | 903 | 1,571 | 6.61 | 1.74 | 343 | 196 | 4.85 | 0.57 |
| 2009 | 902 | 1,443 | 5.98 | 1.60 | 240 | 91 | 5.75 | 0.38 |
| 2010 | 985 | 847 | 6.78 | 0.86 | 261 | 44 | 5.86 | 0.17 |
| 2011 | 973 | 896 | 4.24 | 0.92 | 288 | 115 | 5.28 | 0.40 |
| 2012 | 1,685 | 3,114 | 6.96 | 1.85 | 440 | 371 | 4.88 | 0.84 |
| 2013 | 1,098 | 1,694 | 5.83 | 1.54 | 224 | 197 | 5.13 | 0.88 |
| 2014 | 951 | 1,378 | 6.13 | 1.45 | 244 | 151 | 4.80 | 0.62 |
| 2015 | 1,097 | 1,618 | 5.93 | 1.47 | 275 | 201 | 5.20 | 0.73 |
| 2016 | 992 | 1,707 | 6.43 | 1.72 | 295 | 176 | 5.52 | 0.60 |

WHITE-FRONTED GOOSE HARVEST PROJECTIONS FOR 2016

Revised: 1 June 2017

| | NONRESIDENT TOTALS BY UNIT | | | | | | Sum Estimates | Resident Total |
|---|----------------------------|-------------|-----|-------------|-------------|-----|---------------|----------------|
| | 00A | 00B | 11A | 00X | 00Y | YW1 | | |
| No. Hunters Reporting White-fronted Goose Days | 17 | 89 | 0 | 19 | 13 | | 138 | 129 |
| Total Reported White-fronted Goose Hunted Days | 262 | 446 | 0 | 50 | 39 | | 797 | 829 |
| Average Days Hunted White-fronted Geese | 15.41 | 5.01 | | 2.63 | 3.00 | | 5.52 | 6.43 |
| Total Reported White-fronted Geese Bagged | 8 | 57 | 0 | 5 | 11 | | 81 | 222 |
| Average White-fronted Goose Bag for Season | 0.47 | 0.64 | | 0.26 | 0.85 | | 0.60 | 1.72 |
| Projected Days White-fronted Hunting | 393 | 1,094 | 0 | 85 | 56 | | 1,628 | 6,374 |
| Projected No. White-fronted Goose Hunters | 26 | 218 | 0 | 32 | 19 | | 295 | 992 |
| Projected White-fronted Goose Bag | 12 | 140 | 0 | 9 | 16 | | 176 | 1,707 |
| TOTAL WHITE-FRONTED GOOSE HARVEST = 1,883 | | | | | | | | |

STATEWIDE WHITE-FRONTED GOOSE HARVEST, 1994-2016



NOTE: Prior to 2001, the definition of a white-fronted goose hunter was one who bagged 1+ white-front. Starting in 2001, the definition was changed to a hunter who spent 1+ days hunting white-fronted geese. This definition increased the number of hunters and decreased the average season bag estimates, but not the overall harvest projections.

2016 Harvest Survey Response Rates

| | Overall Response | Proportion | |
|-------------------------------------|------------------|------------|-------------|
| | | Internet | Mail-return |
| Sage Grouse | 95.0% | 94.7% | 5.3% |
| Migratory Bird | 61.2% | 44.3% | 55.7% |
| Nonresident Early Fall Canada Goose | 67.6% | 100.0% | 0.0% |
| Nonresident Waterfowl | 73.1% | 55.3% | 44.7% |
| Nonresident Small Game | 64.2% | 42.9% | 57.1% |
| Resident Small Game | 58.6% | 44.8% | 55.2% |
| Special Canada Goose | 40.7% | 100.0% | 0.0% |
| Spring Light Goose | 58.2% | 46.7% | 53.4% |
| Tundra Swan | 76.6% | 68.3% | 31.7% |

*Note: Due to late responses received through the Internet, final response rates may be higher than those reported in previous sections. Late responses were not included in data summaries or analyses.